R
737
U5s
1975
May

REPORT 19M

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

U. S.
11

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

MAY 1975

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

K
737
U55
1975
May

CONTENTS

SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION..... v

SUMMARY OF NEW GRANTS AND AWARDS, BY PROGRAM AND SUPPORTING INSTITUTE OR DIVISION..... vii

NEW RESEARCH GRANTS, BY AREA, INSTITUTION AND PRINCIPAL INVESTIGATOR..... 1

NEW RESEARCH CONTRACTS, BY AREA, INSTITUTION AND PROJECT DIRECTOR..... 61

NEW RESEARCH TRAINING GRANTS, BY AREA, INSTITUTION AND PROJECT DIRECTOR..... 68

NEW RESEARCH FELLOWSHIP AWARDS, BY AREA, INSTITUTION AND FELLOW..... 69

NEW RESEARCH CAREER PROGRAM AWARDS, BY AREA, INSTITUTION AND AWARDEE..... 96

NEW MEDICAL LIBRARY GRANTS, BY AREA, INSTITUTION AND PRINCIPAL INVESTIGATOR..... 110

SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
CA NATIONAL CANCER INSTITUTE

- CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
- CM DIVISION OF CANCER TREATMENT
- CN OFFICE OF CANCER CONTROL
- CO OFFICE OF THE DIRECTOR, NCI
- CP DIVISION OF CANCER CAUSE AND PREVENTION

DE NATIONAL INSTITUTE OF DENTAL RESEARCH
ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY NATIONAL EYE INSTITUTE
GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL NATIONAL HEART AND LUNG INSTITUTE

- HR DIVISION OF LUNG DISEASES
- HV DIVISION OF HEART AND VASCULAR DISEASES

LM NATIONAL LIBRARY OF MEDICINE
NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
RR DIVISION OF RESEARCH RESOURCES
TW FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING MAY 1975

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AG	5	200,019												
AI	59	2,403,351	10	216,670										
AM	44	1,666,455	18	405,146										
CA	252	13,634,558	23	522,946					45	509,830				
CB					8	1,163,468								
CM					8	3,618,677								
CN					6	734,518								
CO					2	301,641								
CP					3	328,481								
DE	18	607,008	4	92,800	1	123,050								
ES	18	748,299	2	40,790	1	44,583								
EY	32	1,210,047												
GM	134	5,049,875	22	453,389					61	667,705				
HD	75	2,958,421	1	19,500	2	262,973			54	584,096				
HL	97	4,408,859	9	393,562					48	526,600				
HR					3	305,854								
HV					1	57,475								
LM	11	238,701			1	8,000	2	218,086					5	261,629
NS	164	7,761,002	14	320,835	3	218,413			76	845,300				
RR	2	194,159												
TW									26	373,865				
	911	41,080,754	103	2,465,638	39	7,167,133	2	218,086	310	3,507,396			5	261,629

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
SOUTHERN RESEARCH INSTITUTE			
EY01478-01	GREENE, MICHAEL E	NONINVASIVE INTRAOCULAR PRESSURE MONITORING SYSTEM	19,988
INSTITUTION TOTAL	1	19,988	
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
AI12680-01	COMPANS, RICHARD W	INFLUENZA VIRUS STRUCTURE, BIOSYNTHESIS AND ASSEMBLY	64,745
CA16673-01	COOPER, MAX D	CELL DIFFERENTIATION STUDIES IN CANCER IMMUNOBIOLOGY	284,626
DE04138-01	FISCHER, THEODORE E	RESEARCH ON POLYURETHANES FOR MAXILLOFACIAL USE	57,895
NS11852-01A1	FLETCHER, SAMUEL G	PHYSICLOGY OF SPEECH ARTICULATION PROCESSES & DISORDERS	105,756
CA17057-01	JACKSON, RAYMOND J	ADENOSINE METABOLISM IN LYMPHOCYTES	50,773
CA16976-01	SHICTA, TETSUO	THE BIOSYNTHESIS AND REGULATION OF PTERIDINE COENZYMES	14,714
INSTITUTION TOTAL	6	578,509	
CITY TOTAL	7	598,497	
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
CA17819-01	PETERSON, RAYMOND D	ROLE OF THE PITUITARY IN EXPERIMENTAL LEUKEMOGENESIS	34,079
INSTITUTION TOTAL	1	34,079	
CITY TOTAL	1	34,079	
UNIVERSITY			
UNIVERSITY OF ALABAMA			
HD09211-01	ELLIS, NORMAN R	SCIENTIFIC CONFERENCE ON MENTAL RETARDATION	6,997
INSTITUTION TOTAL	1	6,997	
CITY TOTAL	1	6,997	
STATE TOTAL	9	639,573	
ARIZONA			
TEMPE			
ARIZONA STATE UNIVERSITY			
GM22112-01	BIRGE, EDWARD A	ANALYSIS OF RECOMBINATIONLESS MUTANTS OF BACTERIA	18,987
GM22047-01	PATTERSON, ROBERT A	EFFECTS OF SCORPION VENOM ON VASCULAR CHEMORECEPTORS	12,305
INSTITUTION TOTAL	2	31,292	
CITY TOTAL	2	31,292	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
CA15641-01A1	OLSON, GEORGE B	COMPUTER ANALYSIS OF LYMPHOCYTES FROM LEUKEMIC MICE	60,207
CA17094-01	SALMON, SYDNEY E	MEDICAL ONCOLOGY PROGRAM PROJECT	757,233
INSTITUTION TOTAL	2	817,440	
CITY TOTAL	2	817,440	
STATE TOTAL	4	848,732	
ARKANSAS			
LITTLE ROCK			
AMERICAN ASSOCIATION OF ANATOMISTS			
GM22095-01	WOODBURNE, RUSSELL T	TRAVEL TO XTH INTERNATIONAL CONGRESS OF ANATOMISTS	4,000
INSTITUTION TOTAL	1	4,000	
UNIVERSITY OF ARKANSAS MEDICAL CENTER			
CA17427-01	TRANUM, BILLY L	PROTECTION OF PLATELET PRECURSORS	39,067
INSTITUTION TOTAL	1	39,067	
CITY TOTAL	2	43,067	
STATE TOTAL	2	43,067	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
HD09148-01	CASE, ROBBIE	THE PROCESS OF COGNITIVE DEVELOPMENT	20,972
HL18298-01	CORNET, ISRAEL I	DIRECT MEASUREMENT OF MASS TRANSPORT IN BRANCHED FLOWS	31,855
CA17411-01	CURTIS, STANLEY B	THE RESPONSE OF A RAT RHABDOMYOSARCOMA TO HEAVY IONS	59,557
GM22021-01	GLASER, DONALD A	MICROBIAL AND SOMATIC CELL GENETICS AND PHYSIOLOGY	115,996
GM22180-01	LEIGHTON, TERRANCE J	TRANSLATIONAL CONTROL OF BACTERIAL CELL DEVELOPMENT	30,500
NS12359-01	LEWIS, EDWIN R	MORPHOLOGY AND PHYSIOLOGY OF THE INNER EAR	29,355
NS11321-01A1	PACKER, LESTER	NEUROLATHYRISM	27,663
CA17290-01	RAJU, MUDUNDI R	THERAPEUTIC POTENTIAL OF HEAVY CHARGED PARTICLES	61,800
INSTITUTION TOTAL	8	377,698	
CITY TOTAL	8	377,698	
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
HL17957-01	CROSS, CARROLL E	OXYGEN TOXICITY: BASIC AND CLINICAL STUDIES	27,024

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
GM22221-01	GREEN, MELVIN M	GENETIC AND EVOLUTIONARY STUDIES WITH DROSOPHILA	279,468
AM18330-01	HALSTED, CHARLES H	INTESTINAL ABSORPTION OF FOLATES IN HEALTH AND DISEASE	45,708
GM22135-01	HERSHEY, JOHN W	MECHANISM OF INITIATION OF PROTEIN BIOSYNTHESIS	53,098
NS12265-01	LENN, NICHOLAS J	CYTOLOGICAL STUDIES OF BRAIN SYNAPSES	40,892
CA17192-01	MACKENZIE, MALCOLM R	HUMAN MULTIPLE MYELOMA CELL ANTIGENS	50,000
NS12295-01	MULLONEY, BRIAN	PHYSIOLOGICAL MECHANISMS PRODUCING ORDERED MOVEMENT	47,082
CA17327-01	TROY, FREDERIC A	MEMBRANE-BOUND ENZYME INTERACTIONS AND GROWTH CONTROL	72,033
ES01045-01	YANG, SHANG F	BIOCHEMICAL EFFECTS AND REACTIONS OF SULFUR DIOXIDE	27,950
INSTITUTION TOTAL	9	643,255	
CITY TOTAL	9	643,255	
DOWNEY			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--RANCHO LOS AMIGOS HOSPITAL			
ES01152-01	BELL, KARL A	ACUTE EFFECTS OF SMOG AEROSOLS IN MAMMALS	47,604
INSTITUTION TOTAL	1	47,604	
CITY TOTAL	1	47,604	
DUARTE			
CITY OF HOPE MEDICAL CENTER			
CA17491-01	EGAN, MARIANNE L	CHARACTERIZATION OF GASTROINTESTINAL GLYCOPROTEINS	34,332
HD09265-01	MELNYK, JOHN	METHODOLOGY FOR PRODUCTION OF ANEUPLOID ANIMAL MODELS	22,088
NS12116-01	ROBERTS, EUGENE	NEUROTRANSMISSION AND NEUROLOGICAL DISEASE	183,061
INSTITUTION TOTAL	3	239,481	
CITY TOTAL	3	239,481	
HAYWARD			
CALIFORNIA STATE UNIVERSITY AND COLLEGES--CALIFORNIA STATE UNIVERSITY, HAYWARD			
HD09191-01	LIVSON, NORMAN	ADOLESCENT ANTECEDENTS OF FAMILY SIZE	23,155
INSTITUTION TOTAL	1	23,155	
CITY TOTAL	1	23,155	
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
NS12446-01	CAMPBELL, RICHARD D	EFFECT OF EXPERIMENTAL NERVE DEPLETION ON DEVELOPMENT	24,608

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
GM20990-01A1	CONNOLLY, JOHN E	TREATMENT OF ENDOTOXIN SHOCK BY TOTAL BODY WASHOUT	31,328
HD09117-01	JAFFE, NORMAN R	ENZYMOLOGY OF NORMAL AND ABNORMAL LIMB DEVELOPMENT	42,107
GM22207-01	MANNING, JERRY E	GENE SEQUENCE ORGANIZATION IN DROSOPHILA MELANOGASTER	56,067
INSTITUTION TOTAL	4	154,110	
CITY TOTAL	4	154,110	
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA17020-01	HYMAN, ROBERT A	GENETIC ANALYSIS OF GROSS LEUKEMIA ANTIGENS	62,314
NS11918-01	KIDOKORO, YOSHIAKI	MUSCLE DIFFERENTIATION AND SYNAPSE FORMATION IN VITRO	48,770
CA17289-01	SEFTON, BARTHOLOMEW M	VIRAL MEMBRANES: STRUCTURE AND BIOSYNTHESIS	44,430
CA17733-01	TROWBRIDGE, IAN S	CELL SURFACE PROTEINS OF T AND B LYMPHOCYTES	44,100
NS12391-01	WESTALL, FREDERICK C	CHEMICAL REQUIREMENTS FOR HYPERACUTE ENCEPHALOMYELITIS	58,475
INSTITUTION TOTAL	5	258,089	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA16069-01A1	FERRONE, SOLDANO	ANTIGENS AND ANTIBODIES IN HUMAN MELANOMA	39,147
CA17563-01	HOCH, SALLIE O	DNA-BINDING PROTEINS IN HUMAN SERUM	33,465
CA17244-01	MEINKE, WILLIAM J	DETECTION OF HUMAN WART VIRAL DNA IN MALIGNANT TISSUE	27,421
HD09252-01	MORGAN, WILLIAM T	SERUM PROTEIN FUNCTION IN ORGANIC ANION TRANSPORT	18,730
CA17735-01	MULLER-EBERHARD, URSULA	CARCINOGEN METABOLIZING ENZYMES IN RAT LIVER	32,225
NS12428-01	OLDSTONE, MICHAEL B	PATHOGENESIS OF MS AND ALS	205,717
CA17809-01	STRUM, WILLIAMSON B	BIOCHEMICAL BASIS FOR INTESTINAL ANTIFOLATE TOXICITY	42,313
GM22125-01	WHITELEY, JOHN M	PTERIDINE-DEPENDENT HYDROXYLASES FROM LIVER AND BRAIN	17,600
INSTITUTION TOTAL	8	416,618	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HL18122-01	ASHRAF, MUHAMMAD	ISCHEMIC HEART ULTRASTRUCTURE: MODIFICATION BY THERAPY	47,500
CA14535-01A1	BAILY, NORMAN A	TUMOR LOCALIZATION AND TREATMENT PLANNING	59,587
GM22122-01	FAHEY, ROBERT C	ROLE OF THIOL-DISULFIDE REACTIONS IN CELL DORMANCY	41,187
NS11707-01A1	GALAMBOS, ROBERT	BRAIN STEM AUDIOMETRY IN INFANTS AND CHILDREN	29,708
CA17374-01	KRAUT, JOSEPH	THE CRYSTAL STRUCTURE OF DIHYDROFOLATE REDUCTASE	55,000
NS11739-01A1	LAMPERT, PETER W	PATHOLOGY OF CHOROID PLEXUS	32,228
NS12138-01	MILLER, ARNOLD L	I-CELL DISEASE AND MENTAL RETARDATION	18,870
NS12382-01	ROBB, JAMES A	MOLECULAR MECHANISMS OF NEUROTROPIC VIRUS DISEASE	45,107
CA16521-01A1	SAIER, MILTON H, JR	CYCLIC AMP EFFLUX FROM BACTERIA AND RAT GLIMOA CELLS	72,679
CA16136-01	SELL, STEWART	THE ROLE OF RABBIT LYMPHOID CELLS IN TUMOR IMMUNITY	41,086
HL18095-01	STONE, RICHARD A	HUMAN DOPAMINE-BETA-HYDROXYLASE	29,463

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LA JOLLA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HL18170-01	STULL, JAMES T	ROLE OF PHOSPHOPROTEIN IN CARDIAC INOTROPIC RESPONSES	35,823
INSTITUTION TOTAL	12	508,238	
CITY TOTAL	25	1,182,945	
LOS ANGELES			
CEDARS-SINAI MEDICAL CENTER			
AM18261-01	KLINENBERG, JAMES R	URICOSURIC DRUGS: MECHANISMS OF ACTION	57,041
INSTITUTION TOTAL	1	57,041	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
NS11932-01	ADINOLFI, ANTHONY M	ULTRASTRUCTURAL STUDIES OF DEVELOPING CAUDATE NUCLEUS	42,085
NS12054-01	BROWN, W JANN	STRUCTURE OF SEIZURE SENSITIVE HUMAN HIPPOCAMPUS	14,370
HD09333-01	COOPER, EDWIN L	ONTOGENY AND EVOLUTION OF IMMUNOCOMPETENT CELLS	48,542
NS11950-01A1	EDGERTON, V REGGIE	CHARACTERIZATION OF NON-NEUROGENIC MUSCULAR ATROPHY	59,395
NS11846-01	ELLISON, GAYLORD D	BEHAVIOR: STAGES OF RECOVERY AFTER MONOAMINE LESIONS	23,190
AI12878-01	ENGELMANN, FRANZ	PHYSIOLOGY OF FOOD STIMULATED GUT PROTEASES IN INSECTS	41,157
CA17514-01	FOX, CHARLES F	CELL SURFACE RECEPTORS	4,318
DE04249-01	FURSTMAN, LAWRENCE L	FACIAL AFFERENTS WITH PARTICULAR REFERENCE TO PAIN	34,884
HL18335-01	GILDEN, CARL	REGULATION OF PHOSPHOLIPID SYNTHESIS IN FETAL LUNG	30,000
GM22228-01	GILL, AYESHA E	GENETIC DIVERGENCE OF ISLAND MAMMALIAN POPULATIONS	21,286
CA17013-01	GOLUB, SIDNEY H	LYMPHOCYTE SENSITIZATION TO TUMOR ANTIGENS IN VITRO	34,269
CA17511-01	GORBACH, SHERWOOD L	DIET AND ITS EFFECT ON ENZYMES LINKED TO COLON CANCER	54,950
CA17332-01	HALPERN, RICHARD M	ACCESSIBLE METABOLIC PATHWAYS OF NEOPLASTIC CELLS	43,576
GM22141-01	HIRSCH, HILDE E	UPTAKE AND RELEASE OF DRUGS ENTRAPPED IN LIPOSOMES	19,295
AM18213-01	KAUFMAN, JOSEPH J	EXPERIMENTS IN EXTRACORPOREAL RENAL PRESERVATION	54,377
HL17591-01A1	KOLIN, ALEXANDER	DEVELOPMENT OF ELECTROMAGNETIC RHEOANGIOGRAPHY	60,000
GM22552-01	LINDSLEY, DONALD B	BRAINSTEM-HIPPOCAMPAL SYSTEMS REGULATING BEHAVIOR	25,000
AI12835-01	MARTINEZ, RAFAEL J	SERUM AND LYMPH BACTERICIDINS: BIOCHEMICAL MECHANISMS	33,474
AI12601-01	MILLER, JAMES N	IMMUNE MECHANISMS IN EXPERIMENTAL AND HUMAN SYPHILIS	76,194
CA15797-01	NAYAK, DEBI P	ENDOGENOUS GUINEA PIG ONCORNAVIRUSES AND CANCER	41,223
AI12749-01	NAYAK, DEBI P	INTERFERENCE BY DEFECTIVE INFLUENZA VIRUSES	29,303
LM02429-01	PARMELEE, ARTHUR H	EXPERT VIEWS ON CHILD REARING, 1900 - 1950	11,903
HL18016-01	POPJAK, GEORGE J	CONTROL OF CHOLESTEROL METABOLISM IN MAN	40,940
GM22044-01	REBEK, JULIUS	A NEW TEST FOR REACTIVE INTERMEDIATES	35,937
HL18199-01	ROSS, GORDON	EFFECTS OF IONS ON VASCULAR REACTIVITY	25,880
CA16199-01A1	STECKEL, RICHARD J	BOWEL RADIO-PROTECTION VIA VASOCONSTRICTOR INFUSIONS	33,879
HL16839-01A1	SZABO, GABOR	PERMEABILITY TRANSIENTS OF CARRIERS, CHANNELS AND HEART	44,989
NS11708-01A1	TAYLOR, DERMOT B	MOLECULAR EVENTS AT THE CHOLINERGIC RECEPTOR	38,136
CA17815-01	WINTERS, WENDELL D	ANALYSIS OF IMMUNE RESPONSE IN LYMPHOSARCOMAS	28,752

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
GM22240-01	WISNIESKI, BERNADINE J	PHYSICAL STRUCTURE OF ANIMAL CELL MEMBRANES	68,134
INSTITUTION TOTAL 30		1,119,438	
UNIVERSITY OF SOUTHERN CALIFORNIA			
CA17367-01	BAU, ROBERT	STRUCTURAL STUDIES ON PLATINUM-NUCLEOTIDE COMPLEXES	24,160
GM22181-01	BIDLACK, WAYNE R	HYDROPEROXIDE PEROXIDASE IN BIOLOGICAL OXIDATIONS	28,668
HL18235-01	CADY, LEE D	CARDIOVASCULAR FITNESS AND OTHER RISK FACTORS	31,588
CA17415-01	FU, JOAN C	EVALUATION OF SUSTAINED RELEASE ANTINEOPLASTIC CAPSULES	40,428
NS11298-01A2	MOORE, GEORGE P	COMPUTER ANALYSIS OF MUSCLE RECEPTOR SPIKE TRAINS	37,533
NS11476-01A1	RUSSELL, FINDLAY E	PEPTIDES AND NON-ENZYMATIC PROTEINS OF VENOMS	28,567
HL18132-01	TURNER, A FRANKLIN	QUANTITATIVE DIAGNOSIS OF EARLY PULMONARY EDEMA	57,696
INSTITUTION TOTAL 7		248,640	
CITY TOTAL 38		1,425,119	
MENLO PARK			
LINUS PAULING INSTITUTE OF SCIENCE AND MEDICINE			
CA16398-01	PAULING, LINUS C	ORTHOMOLECULAR DIAGNOSIS OF CANCER	72,682
INSTITUTION TOTAL 1		72,682	
STANFORD RESEARCH INSTITUTE			
GM21835-01	ANBAR, MICHAEL	ADVANCED MASS SPECTROMETRIC MULTICOMPONENT ANALYZER	67,403
CA17825-01	GLICK, DAVID	HYALURONIDASE AND CANCER	42,647
HL18424-01	INSEL, PAUL M	BLOOD PRESSURE EDUCATION IN AN INDUSTRIAL SETTING	80,950
CA14251-01A1	KUHLMANN, KARL F	19F NMR STUDY OF BINDING OF DRUGS TO DNA	30,989
INSTITUTION TOTAL 4		221,989	
CITY TOTAL 5		294,671	
PALO ALTO			
PALO ALTO MEDICAL RESEARCH FOUNDATION			
CA17545-01	REMINGTON, JACK S	ROLE OF TOXOPLASMA IN CANCER PREVENTION AND THERAPY	42,000
INSTITUTION TOTAL 1		42,000	
CITY TOTAL 1		42,000	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
EY01526-01	FENDER, DEREK H	NONLINEAR IDENTIFICATION OF RETINAL BIOPOTENTIALS	32,160

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
AM18319-01	GAGNE, ROBERT R	MODEL INORGANIC SYSTEMS FOR COPPER PROTEINS	22,400
GM22227-01	KONOPKA, RONALD J	GENETIC AND NEURAL ORGANIZATION OF A CIRCADIAN SYSTEM	59,980
INSTITUTION TOTAL	3	114,540	
CITY TOTAL	3	114,540	
RIVERSIDE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT RIVERSIDE			
ES01204-01	HEATH, ROBERT L	ALTERATIONS OF CELL MEMBRANES AND METABOLISM BY OZONE	32,438
NS12422-01	OLSEN, RICHARD W	MOLECULAR MECHANISMS OF NEUROTRANSMITTER ACTION	19,200
INSTITUTION TOTAL	2	51,638	
CITY TOTAL	2	51,638	
SACRAMENTO			
CALIFORNIA STATE HEALTH AND WELFARE AGENCY			
CA17838-01	PAFFENBARGER, RALPH S, JR	REPRODUCTIVE CAPACITY AND BREAST OR OVARY CANCER RISK	146,431
INSTITUTION TOTAL	1	146,431	
CITY TOTAL	1	146,431	
SAN DIEGO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES--SAN DIEGO STATE UNIVERSITY			
GM22197-01	DAHMS, A STEPHEN	CHEMICAL PROBES AT MEMBRANE STRUCTURE AND FUNCTION	34,567
INSTITUTION TOTAL	1	34,567	
CITY TOTAL	1	34,567	
SAN FRANCISCO			
INSTITUTES OF MEDICAL SCIENCES			
EY01474-01A1	BACH-Y-RITA, PAUL	PERIPHERAL NEUROPHYSIOLOGY OF EYE MOVEMENTS	85,607
HL16777-01A1	LEVY, JOSEPH V	HYPERTENSION AND CA++ PUMP FUNCTION OF ARTERIAL MUSCLE	30,000
INSTITUTION TOTAL	2	115,607	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
CA17829-01	ABLIN, ARTHUR R	CHILDREN'S CANCER STUDY GROUP	48,846
AM18495-01	EPSTEIN, ERVIN H, JR	GLUCOCORTICOID INTERACTION WITH HUMAN SKIN	37,781

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
CA17242-01	GOLDBERG, MELVIN L	CYCLIC NUCLEOTIDE BINDING AND CONTENT IN MALIGNANCY	48,266
NS11979-01	HEUSER, JOHN E	MORPHOLOGY OF SYNAPTIC VESICLE DISCHARGE AND RETRIEVAL	79,829
NS12352-01	JEWETT, DON L	FAR FIELD AUDITORY DEVELOPMENT IN PREMATURE INFANTS	72,998
HL17452-01	KATZUNG, BERTRAM G	DEPOLARIZATION INDUCED CARDIAC AUTOMATICITY	30,894
EY01353-01	KRAMER, STEVEN G	INTRA-OCULAR USE OF 6-OH-DOPAMINE IN GLAUCOMA THERAPY	5,551
CA15515-01A1	MARTON, LAURENCE J	POLYAMINES AND BRAIN TUMOR CHEMOTHERAPY	40,975
NS12424-01	MC KEAN, CHARLES M	FAR-FIELD POTENTIALS IN BRAINSTEM MALDEVELOPMENT	49,953
HL17525-01	MICHAELI, DOV	THE MOLECULAR BASIS OF COLLAGEN-PLATELET INTERACTION	64,748
NS11838-01	MILLER, MALCOLM R	STUDIES ON THE PAPILLA BASILARIS	40,265
CA17227-01	PHILLIPS, THEODORE L	THE THERAPEUTIC RATIO AND EXPERIMENTAL RADIOTHERAPY	101,704
NS11917-01A1	PRUSINER, STANLEY B	SLOW BRAIN DISEASE: ASSAY AND PURIFICATION OF SCRAPIE	54,539
NS12100-01	PRUSINER, STANLEY B	REGULATION AND FUNCTION OF BRAIN-GLUTAMYL TRANSPEPTIDASE	52,219
CA16417-01	RAMACHANDRAN, JANAKIRAMAN	PITUITARY HORMONES IN NORMAL AND NEOPLASTIC GROWTH	57,535
INSTITUTION TOTAL	15	786,103	
WEST COAST CANCER FOUNDATION			
CA17903-01	VAETH, JEROME M	RESEARCH INTO THE PSYCHOSOCIAL ASPECTS OF CANCER CARE	165,923
INSTITUTION TOTAL	1	165,923	
CITY TOTAL	18	1,067,633	
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
AM18895-01	CHAFFEE, ROWAND R	HEAT ACCLIMATION: A MODEL FOR O2 SPARING THERAPY	37,864
ES01143-01	HORVATH, STEVEN M	OZONE: PHYSIOLOGICAL AND PSYCHOPHYSIOLOGICAL EFFECTS	93,579
INSTITUTION TOTAL	2	131,443	
CITY TOTAL	2	131,443	
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
EY01521-01	DRATZ, EDWARD A	STUDIES OF THE PREVENTION OF RETINAL ROD DEGENERATION	87,551
HL18118-01	MC MURRY, JOHN E	TOTAL SYNTHESIS OF CARDIAC AGLYCONES	45,021
INSTITUTION TOTAL	2	132,572	
CITY TOTAL	2	132,572	
STANFORD			
STANFORD UNIVERSITY			
CA16748-01	HODGSON, KEITH O	STRUCTURE OF TUMOR REGULATORY PROTEINS	43,129

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
HD09410-01	MC DEVITT, HUGH O	DEVELOPMENTAL ANALYSIS OF THE MURINE T/T ALLELE MUTANTS	64,148
NS12151-01	PRINCE, DAVID A	EPILEPSY RESEARCH PROGRAM	231,957
NS12086-01	STEELE, CHARLES R	MECHANICS OF THE ORGAN OF CORTI	28,503
CA17004-01	STROBER, SAMUEL	ALTERATIONS OF T CELLS IN LYMPHOPROLIFERATIVE DISEASE	36,250
GM22045-01	TAUBE, HENRY	THE REDUCTION OF DINITROGEN IN AQUEOUS SOLUTION	33,802
AM18602-01	WEINER, MICHAEL W	EFFECTS OF DIURETICS AND SODIUM ON RENAL METABOLISM	21,939
INSTITUTION TOTAL	7	459,728	
CITY TOTAL	7	459,728	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
NS12089-01	FIREMARK, HUGH M	MELATONIN TRANSPORT IN THE CENTRAL NERVOUS SYSTEM	32,152
HD09011-01	ZAMBONI, LUCIANO	FOLLICULOGENESIS IN FETAL AND ADULT MAMMALIAN OVARIES	35,633
INSTITUTION TOTAL	2	67,785	
CITY TOTAL	2	67,785	
STATE TOTAL	133	6,636,375	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
HL17472-01	GILL, STANLEY J	ENTROPY AND ENTHALPY CHANGES IN ABNORMAL HEMOGLOBINS	23,742
INSTITUTION TOTAL	1	23,742	
CITY TOTAL	1	23,742	
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
NS12394-01	HARBECK, RONALD J	CNS INVOLVEMENT IN IMMUNE COMPLEX DISEASE	37,625
HL18349-01	HUDGEL, DAVID W	HYPOXIC AND HYPERCAPNIC PULMONARY EFFECTS IN ASTHMA	30,000
INSTITUTION TOTAL	2	67,625	
UNIVERSITY OF COLORADO MEDICAL CENTER			
HL17544-01A1	FILLEY, GILES F	HUMAN PULMONARY SURFACTANT FUNCTION IN SITU	42,245
CA17835-01	MOORE, GEORGE E	TUMOR ALKYLATION/ALPHA, BETA-UNSATURATED COMPOUNDS	32,328
CA15794-01A1	PUCK, THEODORE T	GENETIC BIOCHEMICAL STUDY ON SOMATIC CELLS AND CANCER	35,000

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
DENVER			
UNIVERSITY OF COLORADO MEDICAL CENTER			
GM22297-01	SADLER, JOHN R	THE LACTOSE REPRESSOR-OPERATOR INTERACTION	29,109
INSTITUTION TOTAL	4	138,682	
CITY TOTAL	6	206,307	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
CA18023-01	BEDFORD, JOEL S	DOSE AND TIME FACTORS IN CELLULAR RADIOSENSITIVITY	101,106
CA17831-01	GILLETTE, EDWARD L	TUMOR & NORMAL TISSUE RESPONSE TO HEAT AND RADIATION	37,836
CA16051-01A1	MEYERS, ALBERT I	SYNTHESIS OF MAYTANSINE AND ITS DERIVATIVES	49,444
NS12020-01	NORNES, HOWARD O	DEVELOPMENT SPINAL CORD-PATTERNING AND CELL INTERACTIONS	27,203
INSTITUTION TOTAL	4	215,589	
CITY TOTAL	4	215,589	
STATE TOTAL	11	445,638	
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
DE04130-01	CATALANOTTO, FRANK A	NEUROSENSORY DEFICITS IN CRANIOFACIAL ANOMALIES	8,030
NS12270-01	MIYAMOTO, MICHAEL D	PHARMACOLOGY OF QUANTAL RELEASE PARAMETERS	25,549
CA17130-01	TIBBETTS, CLARK J	ADENOVIRUS GENOME EXPRESSION/PHYSICAL MAPPING STUDIES	57,735
INSTITUTION TOTAL	3	91,314	
CITY TOTAL	3	91,314	
NEW HAVEN			
JOHN B. PIERCE FOUNDATION OF CONNECTICUT			
HL17732-01	STOLWIJK, JAN A	PERIPHERAL VENOMOTOR CONTROL IN THERMAL STRESS	32,030
INSTITUTION TOTAL	1	32,030	
YALE UNIVERSITY			
NS12105-01	BREAKEFIELD, XANDRA O	DEVELOPMENTAL MECHANISMS IN ADRENERGIC SYNAPTOGENESIS	65,075
GM21919-01	COLEMAN, JOSEPH E	STRUCTURE AND FUNCTION OF DNA BINDING PROTEINS	42,035
GM22256-01	ENGELMAN, DONALD M	MOLECULAR STRUCTURE OF BIOLOGICAL MEMBRANES	29,500
CA17941-01	FISCHER, JAMES J	REGIONAL RADIATION THERAPY NETWORK DEMONSTRATION	140,394
LM02494-01	FORBES, THOMAS R	COUNTY OF MIDDLESEX CORONERS' INQUISITIONS	10,313

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
CA17245-01	HORVATH, CSABA G	IMMOBILIZED CARBOXYPEPTIDASE G1 IN CANCER CHEMOTHERAPY	37,713
NS12346-01	KANKEL, DOUGLAS R	ACETYLCHOLINESTERASE: GENETICS-NEUROBIOLOGY	51,787
NS12327-01	RITCHIE, J MURDOCH	DEMYELINATING DISEASE-BIOPHYSICS OF NERVE DYSFUNCTION	69,568
NS12384-01	SHAYWITZ, BENNETT A	ONTOGENY OF BRAIN CATECHOLAMINES AND HYPERACTIVITY	63,267
CA17044-01	SKEEL, ROLAND T	IMMUNOTHERAPY OF ACUTE LEUKEMIA	23,227
HD09167-01	SOLL, DIETER G	BIOCHEMISTRY OF EARLY DEVELOPMENT IN DROSOPHILA	42,413
AI12695-01	WALLIS, ROBERT C	BIOLOGY OF WEE VIRUS IN MOSQUITOES OF NORTHEAST U S	22,068
NS11853-01	YU, ROBERT K	SPHINGOGLYCOLIPIDS IN NORMAL AND MS BRAINS	27,420
INSTITUTION TOTAL	13	624,780	
CITY TOTAL	14	656,810	
NORWALK			
NORWALK HOSPITAL			
CA16090-01	FLOCH, MARTIN H	COLON CARCINOMA, DIET AND THE MICROFLORA	37,940
INSTITUTION TOTAL	1	37,940	
CITY TOTAL	1	37,940	
STORRS			
UNIVERSITY OF CONNECTICUT			
HD08195-01A2	DENENBERG, VICTOR H	CONSEQUENCES OF INFANT RISK FACTORS	127,600
HD09174-01	GOETINCK, PAUL F	MOLECULAR BASIS OF NORMAL AND MUTANT LIMB DEVELOPMENT	69,007
NS12482-01	STEPITA-KLAUCO, MATEJ NMI	PIPERIDINE AND SLEEP	13,271
INSTITUTION TOTAL	3	209,878	
CITY TOTAL	3	209,878	
STATE TOTAL	21	995,942	
DIST OF COL			
WASHINGTON			
AEROSPACE MEDICAL ASSOCIATION			
LM02656-01	BENFORD, ROBERT J	THE HERITAGE OF AVIATION MEDICINE	5,500
INSTITUTION TOTAL	1	5,500	
CATHOLIC UNIVERSITY OF AMERICA			
GM22152-01	ROBERTS, JERRY H	A STUDY OF DNA AND HISTONE EFFECTS ON ENZYME ACTIVITY	35,745
INSTITUTION TOTAL	1	35,745	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
CHILDREN'S HOSPITAL NATICNAL MEDICAL CENTER			
HD08574-01	LEIKIN, SANFORD L	HORMONAL CHANGES IN CHILDREN WITH SICKLE CELL DISEASE	28,550
NS12421-01	ROSS, SYDNEY	NEW METHODS IN RAPID DIAGNOSIS OF MENINGITIS	38,469
INSTITUTION TOTAL 2		67,019	
GEORGE WASHINGTON UNIVERSITY			
AM17269-01A2	GALIC, LINDA L	MECHANISM & INHIBITION OF CHOLESTEROL ABSORPTION	31,800
CA17601-01	KLUBES, PHILIP	SYNERGISM DURING COMBINATION CANCER CHEMOTHERAPY	53,550
INSTITUTION TOTAL 2		85,350	
GEORGETOWN UNIVERSITY			
HD09547-01	BARKER, WINONA C	HCMOLOGOUS PHYSIOLOGICAL SYSTEMS IN HUMAN DEVELOPMENT	48,769
GM22296-01	DE LEVIE, ROBERT	KINETICS OF ION TRANSPORT THROUGH MEMBRANES	42,539
CA17623-01	FELLER, WILLIAM F	CHARACTERIZATION OF DNA POLYMERASES IN HUMAN MILK	32,328
GM21940-01	HORNER, WILLIAM H	METABCLISM OF GUANIDINOXY COMPOUNDS IN MAMMALS	27,663
HL17516-01	RAMWELL, PETER W	ROLE CF ANDBOGEN AS A RISK FACTOR IN ATHEROGENESIS	57,240
INSTITUTION TOTAL 5		208,539	
HOWARD UNIVERSITY			
NS12463-01	TANAKA, DUKE, JR	DEVELCPMENT OF FRONTAL LOBE CONNECTIONS	28,299
INSTITUTION TOTAL 1		28,299	
CITY TOTAL 12		430,452	
STATE TOTAL 12		430,452	
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
EY01468-01	ADAMS, CALVIN K	THE PHOTORECEPTOR MOSAIC IN MAN AND MONKEY	46,148
HD08560-01A1	BAZER, FULLER W	PROGESTERONE-INDUCED PROTEINS IN THE PREGNANT UTERUS	29,730
NS12209-01	BROWNELL, WILLIAM E	SINGLE-UNIT STUDIES IN THE LATERAL SUPERIOR OLIVE	30,021
HL18091-01	HARRIS, JAMES C	STUDY OF HUMAN ALVECLAR MACROPHAGE ELASTASE	23,417
DE04059-01	REITH, EDWARD J	ULTRASTRUCTURE OF TOOTH DEVELOPMENT	20,363
INSTITUTION TOTAL 5		149,679	
CITY TOTAL 5		149,679	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
MIAMI			
PAPANICOLAOU CANCER RESEARCH INSTITUTE			
RR00957-01	ALTMAN, NORMAN H	ANIMAL RESOURCE IMPROVEMENTS	150,253
INSTITUTION TOTAL	1	150,253	
UNIVERSITY OF MIAMI			
NS12404-01	BARRETT, ELLEN F	NEUROTRANSMITTER RELEASE KINETICS	29,270
NS12207-01	BARRETT, JOHN N	MEMBRANE PROPERTIES OF MOTONEURONS	55,611
CA17910-01	HEALEY, JOHN E, JR	CANCER CONTROL OUTREACH PROGRAM DEVELOPMENT GRANT	186,847
EY01432-01	KNIGHTON, ROBERT W	ELECTRICAL STIMULATION OF THE VERTEBRATE RETINA	27,663
NS12084-01	LANDOWNE, DAVID	MOVEMENT OF IONS ACROSS NERVE MEMBRANES	36,227
HD08747-01A1	LEMAIRE, WILLIAM J	MECHANISM OF OVULATION	45,000
HL17817-01	SCHEINBERG, PERITZ	TENTH PRINCETON CONFERENCE ON CEREBROVASCULAR DISEASES	20,000
HL18139-01	SCHERLAG, BENJAMIN J	MECHANISMS OF ISCHEMIC RHYTHM DISORDERS	72,535
NS12099-01	SCHWARTZMAN, ROBERT J	FUNCTIONAL CAPABILITIES OF THE SENSORIMOTOR CORTEX	42,156
AI12852-01	SCOTT, WALTER A	ORGANIZATION OF HISTONES ON SV40 AND VARIANT DNA	47,899
ES01029-01	THOMAS, VERA	KINETICS OF UPTAKE AND EXCRETION OF VAPORS IN MAN	17,686
INSTITUTION TOTAL	11	580,894	
CITY TOTAL	12	731,147	
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY			
HD09173-01	MARZLUFF, WILLIAM F, JR	CONTROL OF CELL DIVISION: AN APPROACH TO AGING	44,504
GM21126-01A2	RILL, RANDOLPH L	CHARACTERIZATION OF CHROMATIN SUBUNITS	30,520
INSTITUTION TOTAL	2	75,024	
CITY TOTAL	2	75,024	
TAMPA			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA			
CA17246-01	CORY, JOSEPH G	RIBONUCLEOTIDE REDUCTASE AS SITE FOR ANTITUMOR DRUGS	25,750
GM21539-01	LAMBETH, DAVID O	SYNTHESIS AND PROPERTIES OF S-ALKYLISOTHIAZOLIDINES	11,190
CA17878-01	SCHNELLER, STEWART W	ANALOGS OF DEAZAADENOSINE ANTINEOPLASTIC AGENTS	30,296
INSTITUTION TOTAL	3	67,236	
CITY TOTAL	3	67,236	
STATE TOTAL	22	1,023,086	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
GM22054-01	GILES, NORMAN H	IN VIVO AND IN VITRO GENETIC REGULATORY MECHANISMS	32,516
INSTITUTION TOTAL	1	32,516	
CITY TOTAL	1	32,516	
ATLANTA			
EMORY UNIVERSITY			
NS12280-01	BASMAJIAN, JOHN V	BIOFEEDBACK SHAPING OF RELAXATION IN SPASTIC PATIENTS	38,659
LM02505-01	DEFELICE, LOUIS J	INTRODUCTION TO MEMBRANE NOISE	10,120
NS12288-01	HARRIS, JANE E	REGULATION OF CATECHOLAMINE SYNTHESIS BY CYCLIC AMP	29,664
CA16255-01A1	HUGGLEY, CHARLES M	CANCER CENTER SUPPORT GRANT (MULTIDISCIPLINARY)	421,663
EY01566-01	O'STEEN, WENDALL K	REPRODUCTIVE HORMONES AND RETINAL DEGENERATION	23,423
AM18385-01	SHEAR, CHARLES R	POSTEMBRYONIC STRIATED MUSCLE GROWTH	28,820
INSTITUTION TOTAL	6	552,349	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
DE04151-01	MACKIE, PAUL E	LOCATION AND STRUCTURAL ROLE OF WATER IN TOOTH ENAMEL	33,933
INSTITUTION TOTAL	1	33,933	
CITY TOTAL	7	586,282	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
HD09445-01	ALLEN, MARSHALL B, JR	ISOLATED PITUITARY RESPONSE TO LHRH AND ESTROGENS	27,898
HL16710-01A1	KOLBECK, RALPH C	MYOCARDIAL SUBCELLULAR LOCALIZATION OF CALCIUM	28,941
INSTITUTION TOTAL	2	56,839	
CITY TOTAL	2	56,839	
STATE TOTAL	10	675,637	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
EY01531-01	GILLARY, HOWARD L	VISUAL MECHANISMS IN A REGENERATING GASTROPOD RETINA	30,835
AG00143-01	PORTA, EDUARDO A	DIETARY FACTORS IN AGING	60,619
INSTITUTION TOTAL	2	91,454	
CITY TOTAL	2	91,454	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	2	91,454	
ILLINOIS			
CARBONDALE			
SOUTHERN ILLINOIS UNIVERSITY			
GM22300-01	BOLEN, DAVID W	ELEMENTARY STEPS IN CHYMOTRYPSIN CATALYSIS	28,136
AI12883-01	DUNAGAN, TOMMY T	LACUNAR SYSTEM OF ACANTHOCEPHALA	13,890
INSTITUTION TOTAL	2	42,026	
CITY TOTAL	2	42,026	
CHICAGO			
AMERICAN COLLEGE OF RADIOLOGY			
CA17526-01	WIZENBERG, MORRIS J	PLAN & PUBLISH PROCEEDINGS THERAPY: RAD & HYPERTHERMIA	16,840
INSTITUTION TOTAL	1	16,840	
AMERICAN COLLEGE OF SURGEONS			
CA17803-01	BEAHRS, OLIVER H	NATIONAL CONFERENCE ON CLASSIFICATION OF CANCER	71,500
INSTITUTION TOTAL	1	71,500	
CHILDREN'S MEMORIAL HOSPITAL			
AM18462-01	NADLER, HENRY L	ARGININE ESTERASE IN CYSTIC FIBROSIS	55,600
NS12243-01	RAIMONDI, ANTHONY J	DEVELOPMENT IN HYDROCEPHALICELES MYELOMENINGOCELES	38,781
HL17578-01	WESSEL, HANS U	EXERCISE PERFORMANCE IN CHILDREN WITH HEART DISEASE	78,482
INSTITUTION TOTAL	3	172,863	
ILLINOIS INSTITUTE OF TECHNOLOGY			
CA17594-01	BROWN, JOE N, JR	ANTINEOPLASTIC THIOSEMICARBAZONE ACTIVITY	25,000
GM18600-01A2	BRUBAKER, GEORGE R	STEREOCHEMISTRY AND REACTIVITY OF METAL CHELATES	31,982
NS12275-01	KUSANO, KIYOSHI	ELECTROPHYSIOLOGY OF SYNAPTIC TRANSMISSION	21,700
GM20006-01A2	WEBSTER, DALE A	THE REACTION OF CYTOCHROME O WITH OXYGEN	36,243
INSTITUTION TOTAL	4	114,925	
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
HD09260-01	AULETTA, FREDERICK J	THE MECHANISM OF ESTROGEN-INDUCED LUTEOLYSIS	30,955
AI12792-01	GOLDMAN, JOHN N	IMMUNOLOGIC AND GENETIC CONTROL OF HUMORAL IMMUNITY	62,689
HD08608-01	LEVITSKY, LYNNE L	ENERGY METABOLISM IN THE NEONATE	26,675
INSTITUTION TOTAL	3	120,319	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
DE04240-01	CHEN, CHING-PING W	ENVIRONMENTAL EFFECT ON TENSILE PROPERTIES OF AMALGAM	10,000
AM18052-01	GOLDSTONE, A	SYNTHESIS AND TURNOVER OF KIDNEY HEXOSAMINIDASES	29,850
NS11944-01A1	KOENIG, HAROLD	RELATIONSHIP OF BRAIN ARYLSULFATASE A AND B	20,865
INSTITUTION TOTAL	3	60,715	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
AI12870-01	GEWURZ, HENRY	STUDIES OF THE BIOLOGY OF THE C-REACTIVE PROTEINS	93,054
EY01477-01	HUGHES, WILLIAM F, III	NEURONAL DEVELOPMENT IN THE VISUAL SYSTEM	7,500
INSTITUTION TOTAL	2	100,554	
UNIVERSITY OF CHICAGO			
GM22199-01	AGARWAL, KAN L	NUCLEIC ACID-PROTEIN INTERACTIONS	40,487
GM21955-01	CHIANG, KWEN-SHENG	NUCLEUS-ORGANELLE INTERACTION AND DIFFERENTIATION	39,023
GM21823-01	HASELKORN, ROBERT	DIFFERENTIATION IN NITROGEN-FIXING BLUE-GREEN ALGAE	32,000
NS12324-01	HELLER, ALFRED	ONTOGENESIS AND NEUROCHEMISTRY OF BRAIN FUNCTION	347,892
CA17150-01	KAISER, EMIL T	SELECTIVE ALKYLATION IN BIOLOGICAL SYSTEMS	38,615
NS12071-01	KANE, EILEEN S	CENTRAL AUDITORY SYSTEM CONNECTIONS	31,023
HL18196-01	LINDHEIMER, MARSHALL D	INTERNATIONAL SYMPOSIUM ON HYPERTENSION IN PREGNANCY	25,282
NS12433-01	MURPHY, ELIZABETH H	VISUAL DISCRIMINATION	14,710
GM22040-01	SPOFFORD, JANICE B	MECHANISM OF POSITION-EFFECT VARIEGATION	38,664
AM18413-01	TOBACK, FREDERICK G	BIOCHEMICAL REGULATION OF CONTROLLED RENAL GROWTH	32,380
NS12745-01	VICK, NICHOLAS A	FINE STRUCTURE OF VIRAL INDUCED BRAIN TUMORS	39,100
INSTITUTION TOTAL	11	679,176	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE			
HD09225-01	EWER, PHYLLIS A	THE ROLE OF TASTES IN THE ECONOMIC MODEL OF FERTILITY	6,711
CA17525-01	HUNTER, ROBERT L	IMMUNOLOGIC EVALUATION AND THERAPY OF BREAST CANCER	51,207
INSTITUTION TOTAL	2	57,918	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
NS12172-01	BARANY, MICHAEL	PROTEIN PHOSPHORYLATION IN MUSCLE	26,140
HL18288-01	LEVITSKY, SIDNEY	INTRAOPERATIVE PROTECTION OF THE MYOCARDIUM	87,349
HD09035-01	LOIZZI, ROBERT F	CYCLIC NUCLEOTIDES AND THE REGULATION OF LACTATION	24,330
GM22147-01	MORRIS, PAUL W	EUKARYOTE RNA POLYMERASE-DNA SITE SELECTION PROCESSES	36,703
AI12678-01	VARY, JAMES C	MECHANISM OF BACTERIAL SPORE GERMINATION	27,710
INSTITUTION TOTAL	5	202,232	
CITY TOTAL	35	1,597,042	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
EVANSTON			
NORTHWESTERN UNIVERSITY			
CA17145-01	DEWYS, WILLIAM D	CLINICAL TRIALS--EASTERN COOPERATIVE ONCOLOGY GROUP	74,823
INSTITUTION TOTAL	1	74,823	
CITY TOTAL	1	74,823	
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT UREANA-CHAMPAIGN			
NS12142-01	DELCOMYN, FRED	NEURAL MECHANISMS UNDERLYING BEHAVIOR	20,645
HD09328-01	GETZ, LOWELL L	DISPERSAL AS A REGULATORY MECHANISM	11,968
GM21984-01	MALMSTADT, HOWARD V	NEW CLINICAL/ANALYTICAL METHODOLOGY	67,756
INSTITUTION TOTAL	3	100,369	
CITY TOTAL	3	100,369	
STATE TOTAL	41	1,814,260	
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
NS12498-01	CAMPBELL, ROBERT L	FLUID RESTRICTION IN ACUTE SUBARACHNOID HEMORRHAGE	12,016
AM17665-01	THOMPSON, RICHARD M	DETERMINATION OF GLUCURONIDES BY GAS PHASE ANALYSIS	43,174
CA17235-01	YOUNG, PETER C	PROGESTERONE RECEPTORS IN HUMAN ENDOMETRIAL CANCER	22,460
INSTITUTION TOTAL	3	77,650	
CITY TOTAL	3	77,650	
WEST LAFAYETTE			
PURDUE UNIVERSITY			
NS12298-01	AUNON, JORGE I	QUANTIFICATION OF SINGLE EVOKED RESPONSES	23,087
GM22189-01	AXELROD, BERNARD	MECHANISM OF ACTION OF GLYCOSIDASES	31,215
CA15873-01	COPPOC, GORDON L	ORNITHINE DECARBOXYLASE REGULATION IN TUMORS	28,852
NS12235-01	FETH, LAWRENCE L	FREQUENCY DISCRIMINATION AND PITCH OF COMPLEX TONES	26,961
CA16971-01	FLOSS, HEINZ G	EXPLORATORY STUDIES IN CANCER RESEARCH	25,763
GM21623-01A1	HARTL, DANIEL L	EVOLUTION OF NEW BETA-GALACTOSIDASES IN E. COLI	24,008
AM18464-01	KIM, KI-HAN	NUCLEAR ACCEPTOR SITE FOR THE ESTROGEN-RECEPTOR	27,022
CA17866-01	KRAMER, PAUL A	TISSUE-SPECIFIC DELIVERY OF ANTICANCER AGENTS	22,500
GM22261-01	LIGHT, ALBERT	INTESTINAL BOVINE ENTEROKINASE	32,081
CA15076-01A2	MOSKOWITZ, MERWIN	LOW MOLECULAR WEIGHT CELL GROWTH FACTORS IN SERUM	72,871
HD09514-01	OFFENBACH, STUART I	DEVELOPMENT OF COLOR-FORM PREFERENCE AND PERCEPTION	20,521

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
WEST LAFAYETTE			
PURDUE UNIVERSITY			
AI12311-01	RODWELL, VICTOR W	COENZYME REGULATION OF BACTERIAL PROTEIN DEGRADATION	33,817
GM22131-01	SOMERVILLE, RONALD L	REGULATORY MECHANISMS IN TRYPTOPHAN BIOSYNTHESIS	33,835
NS12077-01	YIM, GEORGE K	MECHANISM OF LOCAL ANESTHETIC SEIZURES	23,283
INSTITUTION TOTAL	14	425,816	
CITY TOTAL	14	425,816	
STATE TOTAL	17	503,466	
IOWA			
AMES			
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY			
GM21585-01	APPLEQUIST, JON B	CONFORMATIONAL INDUCTION IN COPOLYPEPTIDES	15,000
AI12746-01	NORDSKOG, ARNE W	HISTOCOMPATIBILITY IMMUNE RESPONSE GENES IN CHICKENS	52,713
INSTITUTION TOTAL	2	67,713	
CITY TOTAL	2	67,713	
IOWA CITY			
UNIVERSITY OF IOWA			
GM22171-01	BEAMS, H W	EFFECTS OF ULTRACENTRIFUGATION ON BACTERIA	15,000
NS12121-01	BHATNAGAR, RANBIR K	EFFECTS OF DRUGS ON NEUROCHEMICAL MATURATION OF BRAIN	40,240
CA16254-01A1	BLAKLEY, RAYMOND L	INHIBITORS OF HUMAN RIBONUCLEOTIDE REDUCTASE	9,200
CA16932-01	BUTLER, JOHN E	BAMP TUMOR ANTIGEN: DISTRIBUTION AND IMMUNOCHEMISTRY	31,856
CA17224-01	CHALKLEY, ROGER G	ORGANIZATION OF DNA AND HISTONE IN TUMOR CELL CHROMATIN	22,275
EY01151-01A2	HAYREH, SOHAN S	OCULAR VASCULAR OCCLUSIVE DISORDERS - CLINICAL STUDY	65,622
EY01576-01	HAYREH, SOHAN S	OCULAR VASCULAR OCCLUSIVE DISORDERS	63,658
CA17870-01	MACA, RICHARD D	CELLULAR SIALOGLYCOPROTEINS AND ANTICANCER DRUGS	25,668
GM22271-01	RANDLES, RONALD H	ADAPTIVE DISCRIMINANT ANALYSIS FOR MEDICAL DECISIONS	55,158
INSTITUTION TOTAL	9	328,677	
CITY TOTAL	9	328,677	
STATE TOTAL	11	396,390	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
CA17806-01	LANSKY, SHIRLEY B	CHILDHOOD CANCER: PSYCHOSOCIAL REHABILITATION	85,094

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
HL16480-01A1	NELSON, STANLEY R	HEMODYNAMIC EFFECTS OF BRAIN EDEMA	21,544
INSTITUTION TOTAL	2	106,638	
CITY TOTAL	2	106,638	
LAWRENCE			
UNIVERSITY OF KANSAS			
NS12271-01	GIVENS, RICHARD S	STUDIES ON MUSCARINIC NEUROTRANSMITTOR ANALOGS	24,818
NS12429-01	GRUNEWALD, GARY L	STEREOSELECTIVITY OF ANTICONVULSANT ACTION	18,171
NS11998-01A1	STELLA, VALENTINO J	THIAMINE PRO-DRUGS IN ALCOHOLISM AND ENCEPHALOPATHIES	26,143
GM22127-01	WEAVER, ROBERT F	TRANSCRIPTION CONTROL IN NUCLEAR POLYHEDROSIS VIRUS	36,293
INSTITUTION TOTAL	4	105,425	
CITY TOTAL	4	105,425	
MANHATTAN			
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE			
GM22243-01	COX, DAVID J	SELF-ASSOCIATION REACTIONS OF MACROMOLECULES	28,056
CA17782-01	REECK, GERALD R	TUMOR-ENRICHED NONHISTONE CHROMATIN PROTEINS	39,970
AI12389-01A1	RODKEY, L SCOTT	AUTOREGULATION OF IMMUNE PROCESSES	28,132
INSTITUTION TOTAL	3	96,158	
CITY TOTAL	3	96,158	
WICHITA			
WICHITA STATE UNIVERSITY			
GM21770-01	NISHIMURA, ALLAN M	THE EXCITED TRIPLET ELECTRONIC STATE OF FLAVINS	51,846
INSTITUTION TOTAL	1	51,846	
CITY TOTAL	1	51,846	
STATE TOTAL	10	360,067	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
CA17742-01	GOLDENBERG, DAVID M	RADIOLOGICAL LOCALIZATION OF HUMAN TUMORS	46,356
CA17198-01	GOLDENBERG, DAVID M	ROLE OF IN VIVO CELL FUSION IN NEOPLASIA	46,445

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
DE04194-01	HUSSAIN, ANWAR A	DELIVERY DEVICE FOR CHLORHEXIDINE IN THE ORAL CAVITY	28,179
INSTITUTION TOTAL	3	120,980	
CITY TOTAL	3	120,980	
LOUISVILLE			
UNIVERSITY OF LOUISVILLE			
NS12129-01	CARR, LAURENCE A	BIOCHEMISTRY OF LONG-TERM MEMORY FORMATION	41,094
INSTITUTION TOTAL	1	41,094	
CITY TOTAL	1	41,094	
STATE TOTAL	4	162,074	
LOUISIANA			
BATON ROUGE			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY AT BATON ROUGE			
CA16841-01	CHANG, SIMON H	TRANSFER RNA IN NORMAL AND NEOPLASTIC HUMAN CELLS	15,015
INSTITUTION TOTAL	1	15,015	
CITY TOTAL	1	15,015	
COVINGTON			
TULANE UNIVERSITY			
AI12610-01	MARTIN, LOUIS N	STUDIES OF IMMUNOGLOBULIN D IN NON-HUMAN PRIMATES	21,982
INSTITUTION TOTAL	1	21,982	
CITY TOTAL	1	21,982	
NEW ORLEANS			
ST. MARY'S DOMINICAN COLLEGE			
NS12472-01	ALDRICH, HAVEN S	MOLECULAR GENEOLOGY OF ANTICONVULSANT COMPOUNDS	4,500
INSTITUTION TOTAL	1	4,500	
TULANE UNIVERSITY			
AM18494-01	BOWERS, CYRIL Y	HYPOTHALAMIC RELEASING AND INHIBITING HORMONES	59,779
AM18370-01	COY, DAVID H	SYNTHESIS AND BIOLOGY OF ANALOGUES OF SOMATOSTATIN	21,940

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
NEW ORLEANS			
TULANE UNIVERSITY			
HL18070-01	JOINER, PAUL D	REGULATION OF INTRAPULMONARY AIRWAYS AND VESSELS	20,000
NS12412-01	KOSTRZEWA, RICHARD M	GROWTH AND DEVELOPMENT OF MONOAMINERGIC NEURONS	25,530
NS12419-01	KREISMAN, NORMAN R	OXYGEN METABOLISM IN SINGLE EPILEPTIC NEURONS	39,841
CA16483-01	TOU, JEN-SIE H	PHOSPHOLIPIDS AND PHAGOCYTOSIS BY LEUKEMIC LEUKOCYTES	13,934
INSTITUTION TOTAL	6	181,024	
CITY TOTAL	7	185,524	
STATE TOTAL	9	222,521	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
GM21469-01A1	SPROTT, RICHARD L	NEUROCHEMICAL CORRELATES OF AVOIDANCE BEHAVIOR	36,596
INSTITUTION TOTAL	1	36,596	
CITY TOTAL	1	36,596	
STATE TOTAL	1	36,596	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HL17596-01	ANDERSON, NORMAN D	LEUKOCYTE-ENDOTHELIAL INTERACTIONS	35,975
CA15381-01A1	PENSELAU, ALLAN H	CONTROL OF TUMOR-INDUCED VASCULARIZATION	22,603
AI12445-01	GRAVES, IRVING L	INFLUENZA IN ANIMALS AND MAN IN INDIA AND NEPAL	32,151
HL16907-01	HARRISON, WALTER K	MYOCARDIAL FUNCTION, RISK FACTORS AND FUTURE CHD	48,902
CA17115-01	JOHNSON, PETER Y	6-ALKOXYTETRAHYDRO-1,3-OXAZINES AS ANTICANCER AGENTS	26,288
HL17898-01	KWITEROVICH, PETER O	CELL MEMBRANES AND PLASMA LIPOPROTEINS	66,638
CA17448-01	LENHARD, RAYMOND E, JR	CANCER CONTROL DEVELOPMENTAL GRANT	310,320
GM22289-01	LIN, SHIN	MOLECULAR BASIS OF ACTION OF CYTOCHALASIN B	48,000
AI12472-01	MAYER, MANFRED M	PHYSICOCHEMICAL AND BIOLOGICAL STUDIES OF LYMPHOKINES	12,928
NS12127-01	NARAYAN, OPENDRA	PATHOGENESIS OF VISNA, A SLOW DEMYELINATING DISEASE	61,150
CA16519-01	NATHANS, DANIEL	PROGRAM ON MOLECULAR BIOLOGY OF VIRAL TUMORIGENESIS	434,475
AI12810-01	PLAUT, MARSHALL	HISTAMINE IN MODULATION OF CELL-MEDIATED IMMUNITY	35,508
GM22155-01	WEINBERG, ERIC S	HISTONE GENES AND THEIR TRANSCRIPTION	57,893
GM21146-01A1	WONG, SHIH YI	IN SITU FLUORESCENT PROBES FOR DNA RADIATION DAMAGE	26,193
INSTITUTION TOTAL	14	1,219,024	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS			
NS12383-01	BUTEBBAUGH, GARY G	NEONATE, ADULT SEIZURE DISCHARGE: MONOAMINE REGULATION	22,783
LM02457-01	KESSEL, ROSSLYN W	A NEW APPROACH TO ORGANIZING BIOMEDICAL KNOWLEDGE	30,955
NS12296-01	WAECHTER, CHARLES J	THE ROLE OF POLYPRENOLS IN BRAIN GLYCOPROTEIN ASSEMBLY	42,110
INSTITUTION TOTAL	3	95,848	
CITY TOTAL	17	1,314,872	
BETHESDA			
INDIVIDUAL AWARD--BENZINGER, THEODOR H.			
LM02100-01	BENZINGER, THEODOR H	MEDICAL PHYSIOLOGY OF TEMPERATURE	19,800
INSTITUTION TOTAL	1	19,800	
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
GM22284-01	LEWIS, JOSEPH D	PROTECLYTIC ENZYMES IN HEMORRHAGIC SHOCK	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	2	39,800	
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS			
NS12203-01	RABIN, BERNARD M	ELECTROPHYSIOLOGICAL STUDIES OF FOOD INTAKE	14,710
CA17278-01	WHALEN, DALE L	NON-ENZYMATIC REACTIONS OF HIGHLY REACTIVE EPOXIDES	22,250
INSTITUTION TOTAL	2	36,960	
CITY TOTAL	2	36,960	
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
NS11971-01A1	ZAJAC, FELIX E, III	EXPERIMENT & OPTIMAL CONTROL TO STUDY ANIMAL MOVEMENT	42,257
INSTITUTION TOTAL	1	42,257	
CITY TOTAL	1	42,257	
STATE TOTAL	22	1,433,889	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
HL17939-01	EDINGTON, DEE W	HEART MITOCHONDRIA IN AGING AND TRAINED MALE RATS	9,050

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
GM21260-01	SCHNEIDER, DONALD L	ENZYMES LINKING BIOENERGY TO CATABOLISM IN LYSOSOMES	25,253
INSTITUTION TOTAL	2	34,303	
CITY TOTAL	2	34,303	
BELMONT			
MASSACHUSETTS GENERAL HOSPITAL--MCLEAN HOSPITAL DIVISION			
NS11712-01A1	SHASHOUA, VICTOR E	ACID SOLUBLE SYNAPTOSOMAL PROTEINS	36,370
INSTITUTION TOTAL	1	36,370	
CITY TOTAL	1	36,370	
BOSTON			
BETH ISRAEL HOSPITAL			
GM21855-01	KLEIN, LESTER A	RENAL FUNCTION IN SHOCK, ADRENERGIC AGENT'S EFFECTS	20,220
NS11587-01A1	ZERVAS, NICHOLAS T	BRAIN CATECHOLAMINES IN CEREBRAL VASCULAR OCCLUSION	51,185
INSTITUTION TOTAL	2	71,405	
BOSTON BIOMEDICAL RESEARCH INSTITUTE			
AM18279-01	BALAZS, ENDRE A	HYALURONIC ACID IN EXPERIMENTAL ARTHRITIS	42,255
INSTITUTION TOTAL	1	42,255	
BOSTON UNIVERSITY			
CA17807-01	ALBERT, ARTHUR	SCREENING AND CERVICAL CANCER; A MATHEMATICAL MODEL	33,175
HD09205-01	CHAPPELL, PATRICIA F	INFANT CONTROL OF CARETAKER BEHAVIOR	29,100
HL18313-01	LEVINSKY, NORMAN G	HYPOTENSION, RENAL ISCHEMIA AND EFFECT OF MANNITOL	100,000
NS12201-01	MIRSKY, ALLAN F	NEUROBEHAVIORAL STUDIES IN PETIT MAL EPILEPSY	41,995
CA16778-01	POLITOFF, ALBERTO L	REGULATION OF TUMOR GROWTH BY TRANSMEMBRANE POTENTIAL	70,950
INSTITUTION TOTAL	5	275,220	
CENTER FOR BLOOD RESEARCH			
CA17376-01	BING, DAVID H	1ST COMPONENT OF COMPLEMENT BY HUMAN CARCINOMA IN VITRO	58,100
INSTITUTION TOTAL	1	58,100	
CHILDREN'S HOSPITAL MEDICAL CENTER			
NS12274-01	SPECTOR, REYNOLD	DRUG, VITAMIN AND HORMONE TRANSPORT IN SPINAL FLUID	34,245
INSTITUTION TOTAL	1	34,245	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
EY01556-01	DELORI, FRANCOIS, C	STUDY OF HEMODYNAMICS OF CHOROIDAL CIRCULATION	45,172
EY01381-01A1	HOLLY, FRANK J	SURFACE CHEMICAL INVESTIGATION OF DRY EYE CONDITIONS	24,080
EY01667-01	MUKAI, NORITSUGU	PATHOGENESIS OF RETINOBLASTOMAS	19,445
EY01564-01	PECZON, BENIGNO D	DIABETIC, CATARACTOUS, AND NORMAL HUMAN LENS CAPSULES	27,191
EY01572-01	POMERANTZEFF, OLEG	IMPROVEMENTS IN CONTINUOUS LASER PHOTOCOAGULATION	27,123
EY01520-01	SNODDERLY, D MAX, JR	FUNCTIONAL DESCRIPTION OF VISUAL MECHANISMS	45,924
INSTITUTION TOTAL	6	188,935	
HARVARD UNIVERSITY			
NS12408-01	COHEN, JONATHAN B	NEUROCHEMICAL BASIS OF CHOLINERGIC EXCITABILITY	74,570
HL15646-01A1	GEYER, ROBERT P	LIPID STUDIES IN VASCULAR SMOOTH MUSCLE CELLS	30,337
GM22057-01	KENNEDY, EUGENE P	BIOGENESIS AND FUNCTION OF MEMBRANES	47,580
NS12090-01	RANDOLPH, MARY C	CONSEQUENCES OF PARIETAL LESIONS	28,863
HL17747-01	RYAN, GRAEME B	ENDOTHELIAL INJURY AND REGENERATION	32,275
AI12723-01	SPIELMAN, ANDREW	POPULATION STRUCTURE AND FEEDING HABITS OF C PIPIENS	37,543
HD08353-01A1	THENEN, SHIRLEY W	NUTRITION AND PREGNANCY: THE FOLIC ACID REQUIREMENT	20,274
GM22203-01	WARD, SAMUEL	GENETIC SPECIFICATION OF NEURAL STRUCTURE	71,223
HD09175-01	WILLIAMS, JERRY R	DNA METABOLISM AND HUMAN AGING	32,660
CA16649-01	WILLIAMS, JERRY R	DNA REPAIR IN CELL KILLING, AGING AND CARCINOGENESIS	41,480
INSTITUTION TOTAL	10	416,805	
MASSACHUSETTS FUND FOR CHILDREN AND YOUTH			
AM18900-01	LEAF, ALEXANDER	INTERNATIONAL CONFERENCE ON BIOLOGICAL MEMBRANES	5,000
INSTITUTION TOTAL	1	5,000	
MASSACHUSETTS GENERAL HOSPITAL			
CA16797-01A1	KUMAR, AJIT	MESSENGER RNA METABOLISM IN MAMMALIAN CELLS	45,000
GM22551-01	LEAF, ALEXANDER	INTERNATIONAL CONFERENCE ON BIOLOGICAL MEMBRANES	5,000
CA15614-01A1	MANKIN, HENRY J	BIOCHEMICAL AND METABOLIC STUDY OF CHONDROSARCOMA	44,629
AM18460-01	SHARP, GEOFFREY W	STUDIES ON THE MECHANISM OF INSULIN RELEASE	58,339
INSTITUTION TOTAL	4	152,968	
NEW ENGLAND MEDICAL CENTER HOSPITAL			
EY01517-01	BAUM, JULES L	OCULAR PENETRATION OF ANTIBIOTICS IN A MODEL	54,177
AM18446-01	CORTELL, STANLEY	INTRARENAL CONTROL OF SODIUM BALANCE	46,420
CA17365-01	NEURATH, PETER W	COMPUTER ASSISTED DECISION MAKING IN RADIOTHERAPY	47,400
INSTITUTION TOTAL	3	147,997	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
PETER BENT BRIGHAM HOSPITAL			
HL17873-01	MC FADDEN, E R, JR	PATHOPHYSIOLOGY OF EXERCISE-INDUCED ASTHMA	17,808
CA17655-01	ROSE, LESLIE I	METABOLIC STUDIES IN UTERINE NEOPLASMS	33,887
HL18423-01	SOLOMON, HAROLD S	HYPERTENSION--EDUCATION MODELS TO IMPROVE ADHERENCE	159,847
HL17459-01A1	VATNER, STEPHEN F	MYOCARDIAL ISCHEMIA	44,500
INSTITUTION TOTAL	4	256,042	
ROBERT B. BRIGHAM HOSPITAL			
CA17615-01	SCHUR, PETER H	CHARACTERIZATION OF B & T LYMPHOCYTES IN LYMPHOMA	14,220
INSTITUTION TOTAL	1	14,220	
SIDNEY FARBER CANCER CENTER			
CA17263-01	ISRAEL, MERVYN	PREPARATION OF ADRIAMYCIN ANOLOGS AND DERIVATIVES	66,320
CA17409-01	MODEST, EDWARD J	BIOCHEMICAL PHARMACOLOGY OF NEW ACTINOMYCIN D ANALOGS	32,950
CA18612-01	PARDEE, ARTHUR B	REGULATION OF CELLULAR SYNTHESIS AND ACTIVITIES	100,000
CA17305-01	SAMY, T S	PHARMACOLOGY OF ANTITUMOR PROTEIN NEOCARZINOSTATIN	61,995
INSTITUTION TOTAL	4	261,265	
TUFTS UNIVERSITY			
CA17328-01	BORYSENKO, JOAN Z	CONTROL OF SURFACE PHENOMENA IN VIRAL TRANSFORMATION	31,182
GM22170-01	BOYD, DANA H	FUNCTION OF STRUCTURES INVOLVED IN TRANSCRIPTION	42,748
AI12875-01	COOPER, AMIEL G	STRUCTURE AND SYNTHESIS OF LEUKEMIC PLASMA MEMBRANES	60,000
CA17220-01	LESKOWITZ, SIDNEY	MECHANISMS OF IMMUNOLOGIC INJURY TO TUMORS	50,075
CA15776-01A1	OFNER, PETER	PROSTATIC DIFFERENTIATION AND SEX HORMONE METABOLISM	53,166
CA16683-01	VAAGE, JAN	RADIATION EFFECTS ON ESTABLISHED TUMOR IMMUNITY	93,050
INSTITUTION TOTAL	6	330,221	
UNIVERSITY HOSPITAL			
HL18060-01	KRAMSCH, DIETER M	EXERCISE AND CORONARY ATHEROSCLEROTIC HEART DISEASE	70,000
INSTITUTION TOTAL	1	70,000	
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT BOSTON			
CA17436-01	MARGULIS, THOMAS N	STRUCTURE OF COLCHICINE RELATED ANTIMITOTIC DRUGS	30,025
INSTITUTION TOTAL	1	30,025	
CITY TOTAL	51	2,354,703	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
BIO-RESEARCH INSTITUTE			
CA17871-01	BOGER, ELIAHU	BENZO (RST) PENTAPHENE AND FLUORO DERIVATIVES	32,175
INSTITUTION TOTAL	1	32,175	
HARVARD UNIVERSITY			
AI12885-01	LEVINE, ROBERT P	COMPLEMENT ACTION ON MEMBRANES USING MYCOPLASMA MUTANTS	36,841
GM22274-01	MESELSON, MATTHEW S	NUCLEAR AND MESSENGER RNA OF DROSOPHILA	32,140
AM18140-01	TAYLOR, C RICHARD	LOCOMCTION: IDLING METABOLISM AND GAIT DYNAMICS	35,805
INSTITUTION TOTAL	3	104,786	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
GM22675-01	BROWNELL, GORDON L	A FAST SENSITIVE PROPORTIONAL CHAMBER FOR IMAGING	49,704
GM21828-01	HENDERSON, ELLEN J	MECHANISM OF A CAMP MEMBRANE RECEPTOR IN DEVELOPMENT	35,710
CA17575-01	HOUSMAN, DAVID E	ERYTHROID DIFFERENTIATION IN FRIEND LEUKEMIA CELLS	42,732
NS12336-01	TEUBER, HANS-LUKAS	EXTENT AND LIMITS OF NEUROPLASTICITY	164,080
GM21643-01A1	WALSH, CHRISTOPHER T	5-DEAZAFLAVIN COENZYMES AS FLAVOENZYME PROBES	36,742
INSTITUTION TOTAL	5	328,968	
CITY TOTAL	9	465,929	
CHESTNUT HILL			
BOSTON COLLEGE			
CA17631-01	KELLY, T ROSS	PRACTICAL SYNTHESIS OF THE ANTICANCER DRUG ADRIAMYCIN	40,223
INSTITUTION TOTAL	1	40,223	
CITY TOTAL	1	40,223	
MEDFORD			
TUFTS UNIVERSITY			
CA17389-01	WOLFE, HUBERT J	C-CELL HYPERPLASIA AND THYROID MEDULIARY CARCINOMA	49,740
INSTITUTION TOTAL	1	49,740	
CITY TOTAL	1	49,740	
NORTHAMPTON			
SMITH COLLEGE			
NS12196-01	OLIVO, MARGARET A	STUDIES ON A SINGLE SARCOMERE	18,355
INSTITUTION TOTAL	1	18,355	
CITY TOTAL	1	18,355	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
GM20751-01	HELE, MARY E	ACTIVATION COMPLEXES IN PROTEIN SYNTHESIS	38,775
CA17128-01	OZER, HARVEY L	REGULATION OF EXPRESSION OF VIRAL TRANSFORMANTS	69,500
HD09356-01	VOGLMAYR, JOSEF K	SPERM MATURATION, AND ENDOCRINE FUNCTION OF THE TESTIS	47,450
INSTITUTION TOTAL	3	155,725	
CITY TOTAL	3	155,725	
WALTHAM			
BRANDEIS UNIVERSITY			
CA17309-01	LEVINE, LAWRENCE	PROSTAGLANDINS & ENZYMES IN NORMAL AND MALIGNANT TISSUES	48,460
INSTITUTION TOTAL	1	48,460	
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
NS12005-01	CAVINESS, VERNE S, JR	DEVELOPMENTAL NEUROPATHOLOGY	60,000
INSTITUTION TOTAL	1	60,000	
CITY TOTAL	2	108,460	
WILLIAMSTOWN			
WILLIAMS COLLEGE			
CA17189-01	STUBBE, JOANNE	CHEMICAL SPECIFICITY OF PYRUVATE KINASE ISOENZYMES	8,409
INSTITUTION TOTAL	1	8,409	
CITY TOTAL	1	8,409	
WORCESTER			
CLARK UNIVERSITY			
HL18267-01	SHERMAN, ROBERT G	DEVELOPMENT OF EMBRYONIC MYOCARDIAL CELLS	31,600
INSTITUTION TOTAL	1	31,600	
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
GM22055-01	MARINUS, MARTIN G	FUNCTION OF METHYLATED BASES IN NUCLEIC ACIDS	22,072
GM22583-01	MC GUIRE, ROBERT F	INTERACTION OF HORMONES WITH CELL SURFACE MEMBRANES	21,700
CA16969-01A1	PURTILO, DAVID T	HUMAN URINARY BLADDER TUMOR ANTIGENS	46,090
INSTITUTION TOTAL	3	89,862	
CITY TOTAL	4	121,462	
STATE TOTAL	76	3,393,679	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
HL18418-01	CAPLAN, ROBERT D	ROLE OF A SUPPORTING PARTNER IN ADHERENCE	90,986
NS12015-01	CASEY, KENNETH L	CRANIAL SOMATIC AND VISCERAL PAIN: CENTRAL MECHANISMS	35,979
CA16494-01	DATTA, PRASANTA	CHANGES IN THE CELL SURFACE INDUCED BY TUMOR VIRUSES	41,397
DE04253-01	DIJKMAN, DICK J	PATTERN PROFILES IN CLEFT LIP AND/OR PALATE	26,684
HD09202-01	HAN, SEONG S	SUBCELLULAR FATE OF GONADOTROPHIC HORMONES	34,797
ES01141-01	MOUW, DAVID R	LEAD: ITS RENAL HANDLING, RENIN AND ERYTHROPOIETIN	50,000
CA16619-01	RIZKI, TAHIR M	CELL INTERACTIONS IN HEREDITARY TUMORS OF DROSOPHILA	18,560
HL18406-01	ROSENSTOCK, IRWIN M	ADHERENCE TO HYPERTENSIVE MEDICAL REGIMENS	113,237
GM22309-01	SCHEIDER, WALTER	STOPFLOW DIELECTRIC STUDY OF PROTEIN BINDING KINETICS	30,064
INSTITUTION TOTAL	9	441,704	
CITY TOTAL	9	441,704	
DETROIT			
WAYNE STATE UNIVERSITY			
HL18312-01	BERGUER, RAMON	HYPERPLASIA OF VEIN GRAFTS IMPLANTED IN ARTERIES	21,052
CA16563-01	CHEN, YU M	SERUM TYROSINASE IN MALIGNANT DISEASE	40,018
CA18046-01A1	GORELIC, LESTER S	RADIATION EFFECTS: DNA TEMPLATE INACTIVATION AND REPAIR	26,393
HL17874-01	LEWIS, BENJAMIN M	PULMONARY TOXICITY OF BLEOMYCIN	11,495
INSTITUTION TOTAL	4	98,958	
CITY TOTAL	4	98,958	
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
HD08134-01A1	ASHER, JAMES H, JR	GENETIC AND MOLECULAR ANALYSIS OF MESODERMAL INDUCTION	21,375
AM18427-01	BIEBER, LORAN L	SHORT-CHAIN ACYLCARNITINES - FUNCTION AND ENZYMOLOGY	40,050
AI12187-01A1	BIEBER, LORAN L	BIOCHEMISTRY OF POLYENE ANTIBIOTICS	36,435
RR00931-01	BULL, ROBERT W	IMMUNOHEMATOLOGICAL REFERENCE CENTER	43,906
CA17001-01	GOODMAN, JAY I	NORMAL & PRECANCEROUS REGENERATING LIVER IN VITRO	31,100
HD09184-01	MEITES, JOSEPH	HYPOTHALAMO-PITUITARY-OVARIAN RELATIONSHIPS IN AGING RAT	46,100
CA17862-01	RIVERA, EVELYN M	CARCINOGEN-INDUCED RAT MAMMARY HYPERPLASIAS	55,630
HL17462-01	SWEELEY, CHARLES C	ROLE OF GLYCOSPHINGOLIPIDS IN PLATELET AGGREGATION	19,235
INSTITUTION TOTAL	8	293,831	
CITY TOTAL	8	293,831	
ROCHESTER			
OAKLAND UNIVERSITY			
EY01219-01A1	WINKIER, BARRY S	PHOTORECEPTOR ELECTROGENESIS: ITS DYNAMICS AND CONTROLS	40,461
INSTITUTION TOTAL	1	40,461	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	40,461	
STATE TOTAL	22	874,954	
MINNESOTA			
AUSTIN			
UNIVERSITY OF MINNESOTA			
AG00174-01	PRIVETT, ORVILLE S	RELATIONSHIPS OF DIET AND AIR POLLUTANTS TO AGING	45,363
INSTITUTION TOTAL	1	45,363	
CITY TOTAL	1	45,363	
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
NS11882-01	ALTER, MILTON	CREUTZFELDT-JAKOB DISEASE: A TRANSMISSIBLE DEMENTIA	34,728
CA15887-01	AUSMAN, JAMES I	IC TUMOR: BIOLOGIC PRINCIPLES INFLUENCING THERAPY	32,590
LM02460-01	BRUDVIG, GLENN L	MEDICAL LIBRARY MINICOMPUTER SYSTEM	91,846
HL18024-01	FOX, IRWIN J	REGIONAL MYOCARDIAL FLOW AND FUNCTION RELATIONSHIPS	35,000
GM20441-01A1	GANDER, JOHN E	GLYCAN ROLE IN GALACTOFURANOSIDASE PROPERTIES	9,650
GM21310-01A1	HOLTZMAN, JORDAN L	CYTOCHROME-REDUCTASE ACTIVATION IN HYDROXYLATIONS	31,428
CA17774-01	MC KHANN, CHARLES F	BIOLOGICAL AND CLINICAL STUDIES OF COLON CARCINOMA	61,104
NS12125-01	PAPARELLA, MICHAEL M	MECHANISMS OF HEARING LOSS	384,937
AI12813-01	SCHMIDTKE, JON R	CELLULAR IMMUNOLOGY OF HUMAN LYMPHOCYTES	16,541
HL18366-01	TURNER, RICHARD H	BIOSYNTHESIS OF ALPHA1-ANTITRYPSIN IN EMPHYSEMA	29,975
INSTITUTION TOTAL	10	727,799	
CITY TOTAL	10	727,799	
ROCHESTER			
MAYO FOUNDATION			
HL18123-01	KAYE, MICHAEL P	NERVE GROWTH FACTOR EFFECT ON THE DENERVATED HEART	48,820
AI12547-01	MURGITA, ROBERT A	REGULATION OF CELL-MEDIATED IMMUNITY BY ANTIBODY	23,780
HD09140-01	RYAN, ROBERT J	MODE OF ACTION OF REPRODUCTIVE HORMONES	321,311
NS12367-01	TYCE, GERTRUDE M	A STUDY OF DEMETHYLATION IN RED BLOOD CELLS	32,965
INSTITUTION TOTAL	4	426,876	
CITY TOTAL	4	426,876	
SAINT PAUL			
UNIVERSITY OF MINNESOTA			
CA17232-01	JOHNSON, DONALD W	IMMUNOLOGIC CONTROL OF C-TYPE VIRUS ACTIVATION	33,907

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
SAINT PAUL			
UNIVERSITY OF MINNESOTA			
GM22215-01	WARNER, HUBER R	BIOCHEMISTRY OF VIRUS INFECTION IN BACTERIA	28,473
INSTITUTION TOTAL	2	62,380	
CITY TOTAL	2	62,380	
STATE TOTAL	17	1,262,418	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
CA16350-01	ADLDINGER, HANS K	CELL-MEDIATED IMMUNITY IN MAREK'S DISEASE	46,159
HD08798-01	ANDERSON, RALPH R	RELAXIN ON MAMMARY GLAND GROWTH IN RODENTS	10,266
AI12530-01	BARRETT, JAMES T	DETECTION OF BACTERCIDES ANTIGENS IN INFECTED TISSUES	35,549
GM21500-01	KAISER, EDWIN M	NOVEL CARBANIONS OF METHYLATED HETEROAROMATICS	22,389
AI12830-01	MULLEN, HELEN B	CELLULAR MECHANISMS REGULATING ANTIBODY PRODUCTION	20,460
GM21827-01	SHERMAN, LOUIS A	ANALYSIS OF FLUORESCENCE MUTATIONS IN PHOTOSYNTHESIS	27,285
HL18358-01	THURSTON, RONALD J	MIGRATION OF PMN LEUKOCYTES INTO PULMONARY AIRWAYS	30,000
INSTITUTION TOTAL	7	192,108	
CITY TOTAL	7	192,108	
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
NS12342-01	COSCIA, CARMINE J	ABERRANT L-DOPA METABOLISM	36,825
HD07788-01A2	GOLD, ALVIN H	GLYCOGEN SYNTHETASE IN DEVELOPING LIVER	36,472
CA17015-01	HIRSCHBERG, CARLOS B	GLYCOLIPIDS: ROLE IN NORMAL AND TRANSFORMED CELLS	32,184
CA17664-01A1	NADEL, ELI M	EXPLORATORY STUDY FOR A ST LOUIS CANCER CENTER	129,197
INSTITUTION TOTAL	4	234,678	
CITY TOTAL	4	234,678	
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
HL18144-01	ARTHUR, R MARTIN	PREPROCESSOR SYSTEM FOR CARDIOGRAMS	30,304
NS12284-01	FEIGIN, RALPH D	PROSPECTIVE EVALUATION OF CHILDHOOD MENINGITIS	38,367
NS12311-01	HARTMAN, BOYD K	NORADRENERGIC SYSTEM IN BRAIN: ANATOMY AND FUNCTION	48,069
AM18515-01	LICHTENSTEIN, JACK R	HERITABLE DISEASES OF COLLAGEN METABOLISM	110,321
CA17114-01	LYNCH, RICHARD G	LOCALIZATION OF MYELOMA CELL SURFACE IMMUNOGLOBULIN	42,478
DE04029-01	MOLNAR, STEPHEN	EXPERIMENTAL ANALYSIS OF THE MASTICATORY FORCE SYSTEM	19,000

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
CA17143-01	ROGERS, JOHN C	MECHANISM AND REASON FOR DNA EXCRETION FROM LYMPHOCYTES	45,604
CA16391-01	SHEARER, WILLIAM T	STIMULATION OF TUMOR CELL GROWTH BY ANTIBODY	30,171
HL17753-01	SHERMAN, LAURENCE A	CONTROLLING MECHANISMS FOR SYNTHESIS OF FIBRINOGEN	26,421
HL17825-01	SPARKS, ROBERT E	MEMBRANE FRACTIONATION OF PLASMA PROTEINS	15,000
GM21598-01	WEEKS, PAUL M	THE BIOLOGY OF SCAR MATURATION	40,524
HL17819-01	WILLIAMSON, JOSEPH R	PHYSICAL PROPERTIES & STRUCTURE OF THE RED CELL MEMBRANE	29,356
INSTITUTION TOTAL	12	475,615	
CITY TOTAL	12	475,615	
STATE TOTAL	23	902,401	
MONTANA			
BOZEMAN			
MONTANA STATE UNIVERSITY			
AI12854-01	REED, NORMAN D	CELLULAR AND HUMORAL IMMUNITY IN HELMINTH INFECTIONS	18,404
INSTITUTION TOTAL	1	18,404	
CITY TOTAL	1	18,404	
MISSOULA			
UNIVERSITY OF MONTANA			
AM18492-01	FEVOLD, H RICHARD	ACTH ACTION ON ADRENAL 17ALPHA-HYDROXYLATION	22,420
GM22188-01	GUSTAFSON, GARY L	CONTROL OF ENZYME ACCUMULATION DURING DIFFERENTIATION	24,375
INSTITUTION TOTAL	2	46,795	
CITY TOTAL	2	46,795	
STATE TOTAL	3	65,199	
NEBRASKA			
LINCOLN			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN			
GM22079-01	GUPTA, NABA K	PROTEIN SYNTHESIS INITIATION IN RED BLOOD CELLS	55,416
AM18794-01	PETERS, ALEXANDER R	PROPHYLACTIC ANTIBIOTICS IN ACRYLIC CEMENT	52,230
CA17620-01	SMITH, GARY L	GROWTH CONTROL IN NORMAL AND NEOPLASTIC CELLS	26,995
INSTITUTION TOTAL	3	134,641	
CITY TOTAL	3	134,641	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEBRASKA			
OMAHA			
CREIGHTON UNIVERSITY			
LM02420-01	BAUMEL, JULIAN J	PUBLICATION OF ANATOMICAL NOMENCLATURE OF BIRDS	13,003
NS12365-01	WATT, DEAN D	BIOLOGICAL-IMMUNOLOGICAL ACTIONS OF TOXINS	25,250
INSTITUTION TOTAL	2	38,253	
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
CA17009-01	BARAK, ANTHONY J	METHOTREXATE INDUCED LIVER INJURY	21,508
AI12454-01	HEIDRICK, MARGARET L	AGING OF IMMUNOCOMPETENT CELLS	24,812
INSTITUTION TOTAL	2	46,320	
CITY TOTAL	4	84,573	
STATE TOTAL	7	219,214	
NEW HAMPSHIRE			
DURHAM			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE			
CA17680-01	COLLINS, WALTER M	GENETICS, THE LYMPHOCYTE AND TUMOR REGRESSION	29,420
INSTITUTION TOTAL	1	29,420	
CITY TOTAL	1	29,420	
HANOVER			
DARTMOUTH COLLEGE			
CA17843-01	LONGNECKER, DANIEL S	STUDIES OF AZASERINE INDUCED DNA CHANGES IN RATS	32,321
HD09274-01	MARIN-PADILLA, MIGUEL	NORMAL & ABNORMAL STRUCTURE, HUMAN CEREBRAL CORTEX	40,257
CA17487-01	PETTENGILL, CLIVE S	IN VITRO FACTORS ONCOGENICITY OF CULTURED TUMOR CELLS	31,876
HD09320-01	SPIEGEL, MELVIN	REAGGREGATION OF DISSOCIATED EMBRYONIC AND ADULT CELLS	41,597
INSTITUTION TOTAL	4	146,051	
CITY TOTAL	4	146,051	
STATE TOTAL	5	175,471	
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
AG00160-01	GRIMINGER, PAUL	EFFECT OF AGE AND TRAUMA ON NUTRIENT REQUIREMENTS	14,360
GM22149-01	MAC KAY, VIVIAN L	ENZYMES, GENES, AND REGULATION OF RECOMBINATION	30,000

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
GM21558-01	OTHMER, HANS G	DYNAMIC PATTERN IN CHEMICALLY-REACTING SYSTEMS	13,957
CA17193-01	PORETZ, RONALD D	STRUCTURAL ANALYSIS OF CELL SURFACE CARBOHYDRATES	46,148
AI12602-01	SCHAFFNER, CARL P	POLYENE MACROLIDES - PHARMACOLOGY AND TOXICOLOGY	77,370
INSTITUTION TOTAL	5	181,835	
CITY TOTAL	5	181,835	
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY			
NS11948-01A1	LOWNDES, HERBERT E	DRUG-INDUCED SENSORY AND MOTOR NERVE DYSFUNCTION	29,238
EY01320-01A1	STEPHENS, GEORGE M	SKIN ELECTRODE ELECTRORETINOGRAM: ITS VALUE FOR VER	27,505
INSTITUTION TOTAL	2	56,743	
CITY TOTAL	2	56,743	
PRINCETON			
PRINCETON UNIVERSITY			
EY01542-01	APPLEBURY, MEREDITHE L	PHOTORECEPTION AND TRANSDUCTION IN VISION	39,000
AG00092-01	CAMPBELL, BYRON A	ANIMAL MODELS OF DECLINING MEMORY IN THE AGED	48,472
CA16380-01	LEVINE, ARNOLD J	REGULATION OF DEOXYPYRIMIDINE KINASES BY TUMOR VIRUSES	13,859
GM22299-01	NEWTON, AUSTIN	REGULATION OF DEVELOPMENT IN CAULOBACTER CRESCENTUS	35,067
INSTITUTION TOTAL	4	136,398	
CITY TOTAL	4	136,398	
SOUTH ORANGE			
SETON HALL UNIVERSITY			
GM21234-01	ANDER, PAUL	COION INTERACTIONS WITH BIOLOGICAL POLYELECTROLYTES	12,832
INSTITUTION TOTAL	1	12,832	
CITY TOTAL	1	12,832	
STATE TOTAL	12	387,808	
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
AG00191-01	KELLEY, ROBERT O	BIOLOGY OF THE AGING CELL SURFACE	31,205

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
GM22092-01	KOGOMA, TOKIO	DNA REPLICATION IN BACTERIA: REGULATORY MUTANTS	24,950
INSTITUTION TOTAL	2	56,155	
CITY TOTAL	2	56,155	
UNIVERSITY PARK			
NEW MEXICO STATE UNIVERSITY			
GM22241-01	DARNALL, DENNIS W	SUBUNIT INTERACTIONS AND CONTACT SITES IN PROTEINS	24,134
INSTITUTION TOTAL	1	24,134	
CITY TOTAL	1	24,134	
STATE TOTAL	3	80,289	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
GM22247-01	BERNS, DONALD S	BILIPROTEIN AND CHLOROPHYLL-LIPID MEMBRANE STUDIES	30,701
INSTITUTION TOTAL	1	30,701	
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE			
GM21875-01	BROCKERHOFF, HANS	ROLE OF CHOLESTEROL IN BIOLOGICAL MEMBRANES	38,450
INSTITUTION TOTAL	1	38,450	
STATE UNIVERSITY OF NEW YORK AT ALBANY			
HD09515-01	MILLIS, ALBERT J	REGULATION OF HUMAN AND MAMMALIAN CELL PROLIFERATION	30,780
INSTITUTION TOTAL	1	30,780	
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE			
HD09374-01	HOOK, ERNEST B	EPIDEMIOLOGY OF VOMITING IN PREGNANCY	36,700
ES01207-01	HOOK, ERNEST B	ENVIRONMENTAL FACTORS RELATED TO CHROMOSOME DAMAGE	21,700
EY01464-01	LAM, KWOK-WAI	BIOCHEMISTRY AND CYTOLOGY OF SUBRETINAL FLUIDS	28,900
GM22260-01	LAM, KWOK-WAI	BIOCHEMICAL STUDIES OF ACID PHOSPHATASE 5	23,400
HL17355-01A1	MALIK, ASRAR B	PULMONARY VASCULAR ADJUSTMENTS IN CIRCULATORY COLLAPSE	24,625
NS12208-01	STROMINGER, NORMAN L	NEUROANATOMICAL CIRCUITS OF SOMATIC MOTOR FUNCTION	24,009
INSTITUTION TOTAL	6	159,334	
CITY TOTAL	9	259,265	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
BINGHAMTON			
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON			
NS10995-01A2	PASTORE, RICHARD E	AUDITORY ATTENTION: TEMPORAL & FREQUENCY EFFECTS	24,893
INSTITUTION TOTAL	1	24,893	
CITY TOTAL	1	24,893	
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA17149-01	DOYLE, DARRELL J	PROTEINS OF THE HEPATOMA CELL PLASMA MEMBRANE	65,428
CA16866-01A1	FUJI, HIROSHI	CONTROL OF TUMOR GROWTH BY INDUCTION OF B-CELL TOLERANCE	25,028
CA17156-01	GRINDEY, GERALD B	RATIONAL APPROACHES TO COMBINATION CHEMOTHERAPY	51,782
ES00993-01A2	GURTOO, HIRA L	MICROSOMAL OXYGENASES-AFLATOXIN ACTIVATION-DNA DAMAGE	24,556
GM22204-01	HELD, WILLIAM A	ASSEMBLY OF E. COLI 30S RIBOSOMES FROM PRECURSOR RNA	47,274
CA17205-01	HOLTERMANN, OLE A	ANTITUMOR EFFECTS OF NONSPECIFICALLY ACTIVATED W.B.C.	35,095
CA17788-01	LASKOWSKI, MICHAEL, SR	STUDY OF LIMITED ENZYMATIC CLEAVAGES OF NATIVE DNA	25,561
CA17668-01	MOAYERI, HOUSHANG	LEUKOCYTE THYMIDINE UPTAKE IN CHRONIC LEUKEMIA	18,652
CA15890-01A1	NEEMAN, MOSHE	INHIBITION OF INITIATION-PROMOTION CARCINOGENESIS	22,281
CA17658-01	PAULY, JOHN L	WHOLE BLOOD MICROCULTURE ASSAY OF LYMPHOCYTE FUNCTION	17,152
CA17785-01	PREISLER, HARVEY D	PATHOPHYSIOLOGY OF MURINE MYELOID LEUKEMIA	44,598
CA17276-01	PRESSMAN, DAVID	MEMBRANE ANTIGENS FROM NORMAL AND LEUKEMIC LYMPHOCYTES	46,005
INSTITUTION TOTAL	12	423,412	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
AM18141-01	BROWNIE, ALEXANDER C	CONTROL OF STEROIDOGENESIS IN ADRENAL CORTICAL TISSUE	30,235
GM22200-01	BRUENN, JEREMY A	SEQUENCING OF YEAST KILLER-FACTOR RNAS	21,933
CA16451-01	ELLISON, ROSE R	CHEMOTHERAPY OF CANCER: ACUTE LEUKEMIA GROUP B	39,486
GM20846-01	GRUSHKA, ELI	SEPARATION OF AMINO ACIDS USING LIQUID CHROMATOGRAPHY	22,670
DE04226-01	NATIELLA, JOSEPH R	A STUDY OF SUBPERIOSTEAL ORAL IMPLANTS IN PRIMATES	62,390
INSTITUTION TOTAL	5	176,714	
CITY TOTAL	17	600,126	
ITHACA			
CORNELL UNIVERSITY			
CA17080-01	ANDREWS, EDWIN J	RELATIONSHIP OF REGENERATION, ONCOGENESIS AND IMMUNITY	25,000
NS11280-01A1	ELDEFRAWI, MOHYEE E	DRUG MOLECULAR INTERACTIONS WITH CHOLINERGIC RECEPTORS	29,251
GM22082-01	ELSON, ELLIOT L	BIOPOLYMERIC TRANSCONFORMATIONS BY SMALL PERTURBATION	41,662
HL18255-01	FEIGENSON, GERALD W	LIPID-PROTEIN INTERACTIONS AND CALCIUM TRANSPORT	40,918
LM02496-01	HABEL, ROBERT E	ILLUSTRATED VETERINARY ANATOMICAL DICTIONARY	17,830
HL18309-01	MOFFAT, JOHN K	OXYGEN TRANSPORT: HEMOGLOBINS WITH MODIFIED HEMES	47,500
INSTITUTION TOTAL	6	202,161	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	6	202,161	
NEW YORK			
MANHASSET			
NORTH SHORE UNIVERSITY HOSPITAL			
NS12148-01	TEICHBERG, SAUL	AXONAL TRANSPORT OF PROTEIN AND MEMBRANE IN NEURONS	44,890
INSTITUTION TOTAL	1	44,890	
CITY TOTAL	1	44,890	
NEW YORK			
AMERICAN CANCER SOCIETY			
CA17724-01	MILDER, JACK W	CONFERENCE ON NUTRITION IN THE CAUSATION OF CANCER	59,000
INSTITUTION TOTAL	1	59,000	
CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK			
HD09165-01	SCHIFF, GARY	THE POLITICS OF POPULATION POLICY: THE CASE OF ISRAEL	24,816
INSTITUTION TOTAL	1	24,816	
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE			
NS12149-01	BEVERIDGE, DAVID L	SOLVENT EFFECTS ON BIOMOLECULAR CONFORMATIONAL STABILITY	31,990
NS12085-01	PENNER, MERRILYNN J	TEMPORAL ANALYSIS	39,146
INSTITUTION TOTAL	2	71,136	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
NS11835-01	ONTEIL, MARCIA R	MUSCLE SATELLITE CELL: REACTION TO DISEASE AND TRAUMA	29,101
EY01661-01	PODOS, STEVEN M	IN VIVO INHIBITORS OF OCULAR PROSTAGLANDIN SYNTHESIS	41,844
NS12320-01	SETHY, VIMALA H	CENTRAL CHOLINERGIC SYSTEM IN EXTRAPYRAMIDAL DISORDERS	30,004
INSTITUTION TOTAL	3	100,949	
CITY UNIVERSITY OF NEW YORK--RICHMOND COLLEGE			
GM22086-01	NAIDER, FRED R	PEPTIDE TRANSPORT IN MICROORGANISMS	19,700
INSTITUTION TOTAL	1	19,700	
COLUMBIA UNIVERSITY			
CA16346-01A1	AXEL, RICHARD	MOLECULAR CONTROL OF CHROMATIN TRANSCRIPTION	69,760
GM22310-01	DAILEY, BENJAMIN P	DEUTERIUM NMR AS A PROBE OF MOLECULAR STRUCTURE	51,524
NS11994-01	HILAL, SADEK K	NEUROTOXICITY OF ANGIOGRAPHIC CONTRAST AGENTS	17,630

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY			
GM22283-01	KRASNA, ALVIN I	STRUCTURE AND MECHANISM OF ACTION OF HYDROGENASE	36,825
HD09171-01	LOW, BARBARA W	THE STRUCTURE OF OXYTOCIN AND ITS ANALOGS	29,163
NS11738-01A1	MACAGNO, EDUARDO R	INVARIANCE OF SYNAPTIC PATHWAYS	33,003
CA16179-01A1	PASCAL, ROBERT R	GLOMERULONEPHRITIS IN LYMPHORETICULAR CANCER	37,779
CA17477-01	SILVERSTEIN, SAUL J	THE MOLECULAR BIOLOGY OF HERPES VIRUS SAIMIRI	57,510
NS11870-01	TENNYSON, VIRGINIA M	ALTERATIONS IN CATECHOLAMINERGIC NEUROBLASTS	51,665
INSTITUTION TOTAL	9	384,859	
COMMUNITY BLOOD COUNCIL OF GREATER NEW YORK			
CA17626-01	POGO, ANGEL O	CONTROL OF RNA SYNTHESIS IN NORMAL AND NEOPLASTIC CELLS	20,983
INSTITUTION TOTAL	1	20,983	
CORNELL UNIVERSITY MEDICAL COLLEGE			
HD09031-01	CHAN, WALTER Y	UTERINE PHARMACOLOGY OF OXYTOCIN AND PROSTAGLANDINS	28,304
HD09421-01	PETERSON, RALPH E	MALE PSEUDOHERMAPHRODITISM	45,613
CA16190-01A1	ROSS, GORDON D	LYMPHOCYTE RECEPTORS IN IMMUNITY, ARTHRITIS AND CANCER	31,336
INSTITUTION TOTAL	3	105,253	
FORDHAM UNIVERSITY			
LM02535-01	HANSON, ANN E	EDITION OF HIPPOCRATES, DISEASE OF WOMEN	15,846
INSTITUTION TOTAL	1	15,846	
MANHATTAN EYE, EAR, AND THROAT HOSPITAL			
EY01549-01	BHUYAN, KAILASH C	MECHANISM OF CATARACTOGENESIS CAUSED BY AMINOTRIAZOLE	40,227
INSTITUTION TOTAL	1	40,227	
MOUNT SINAI MEDICAL CENTER			
CA15541-01	WERTHER, J LAWRENCE	ABSORPTION OF CARCINOGENS AND MUCOSAL BARRIER FUNCTION	35,532
INSTITUTION TOTAL	1	35,532	
NEW YORK ACADEMY OF SCIENCES			
AM18625-01	WALTER, RODERICH W	PEPTIDES: CHEMISTRY, STRUCTURE AND BIOLOGY	7,500
INSTITUTION TOTAL	1	7,500	
NEW YORK MEDICAL COLLEGE			
DE04039-01	VITTEK, JOZEF	SEX STEROID METABOLISM IN ORAL TISSUES	33,160
INSTITUTION TOTAL	1	33,160	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE--NEW YORK STATE PSYCHIATRIC INSTITUTE			
NS12353-01	THOMPSON, ELIZABETH B	MORPHOLOGY OF IDENTIFIED SYNAPSES	52,265
INSTITUTION TOTAL 1		52,265	
NEW YORK UNIVERSITY			
NS12187-01	ASKANAS, VALERIE	ULTRASTRUCTURE OF CULTURED DISEASED HUMAN MUSCLE	29,000
HD08187-01A1	BLIZARD, DAVID A	HORMONES, DEVELOPMENT AND SEX DIFFERENCES	33,495
AI12814-01	GERSHON, ANNE A	V-Z VIRUS: CLINICAL IMPLICATIONS OF IMMUNITY	36,588
GM20921-01	HALPERN, ARTHUR M	ALKALOIDS AND PROTOALKALOIDS:PHOTOPHYSICAL PROPERTIES	19,524
GM22291-01	LAKE, JAMES A	SPATIAL ARRANGEMENT OF PROTEINS IN RIBOSOMAL SUBUNITS	42,973
HL17450-01	LOWENSTEIN, JEROME	THE CONTROL OF ALDOSTERONE SECRETION	34,276
CA16395-01	SILBER, ROBERT	EASTERN COOPERATIVE ONCOLOGY GROUP - ONCOLOGY STUDIES	40,616
ES01150-01	VAN DUUREN, BENJAMIN L	CARCINOGENIC INTERMEDIATES OF VINYL CHLORIDE & ANALOGS	34,400
DE04095-01	WOLFF, B BERTHOLD	TOOTH PULP PAIN: ANALGESIC AND BEHAVIORAL FACTORS	68,836
INSTITUTION TOTAL 9		339,708	
ROCKEFELLER UNIVERSITY			
CA16875-01	BOWERS, WILLIAM E	LYMPHOCYTE-MEDIATED CYTOTOXICITY AGAINST TUMOR CELLS	40,927
INSTITUTION TOTAL 1		40,927	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA17839-01	ALBRECHT, ALBERTA M	MICROBIAL ENZYMES IN THE THERAPY OF NEOPLASIA	40,238
CA17159-01	BALAZS, IVAN	DYNAMICS OF GENE PRODUCT SYNTHESIS IN MAMMALIAN CELLS	36,821
CA17927-01	BIEDLER, JUNE L	DECREASED MALIGNANCY OF DRUG RESISTANT CELL VARIANTS	47,915
CA16534-01	CHOU, TING-CHAO	CYTOTOXICITY OF CYTOSINE ARABINOSIDE IN VIVO	31,515
CA16757-01	FRIED, JERROLD	GROWTH KINETICS AND DRUG RESPONSE OF CELL POPULATIONS	61,430
CA17860-01	GINER-SOROLLA, ALFREDO	PSYCHOTROPIC DRUGS AS POTENTIAL CARCINOGENS	36,838
CA17673-01	HOFFMAN, MICHAEL K	REGULATION OF IMMUNITY BY ANTIBODY AND B CELLS	45,000
AI12740-01	KINCADE, PAUL W	DESIGN OF A DIRECT ASSAY FOR HEMOPOIETIC STEM CELLS	24,485
AI12741-01	KINCADE, PAUL W	EARLY EVENTS IN MAMMALIAN B CELL DIFFERENTIATION	45,000
CA17353-01	MOORE, MALCOLM A	MARROW CULTURE STUDIES - HUMAN MYELOID LEUKEMIA, ETC	59,550
INSTITUTION TOTAL 10		428,792	
ST. VINCENT'S HOSPITAL AND MEDICAL CENTER OF NEW YORK			
NS11605-01A1	BARTFELD, HARRY	CAUSE AND MECHANISMS OF AMYOTROPHIC LATERAL SCLEROSIS	219,595
CA17582-01	SCHWARZ, GEORGE	X-RAY DOSE RATE EFFECTS ON CELL KINETICS	31,770
INSTITUTION TOTAL 2		251,365	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
CA17101-01	DAVID, ANSHEL E	SV40 INDUCED HOST DNA REPLICATION	31,272
NS12152-01	HALPERN, MIMI N	ANATOMICAL SUBSTRATES FOR VOMERONASAL FUNCTIONS	32,986
CA17569-01	KAUFFMAN, SHIRLEY L	LUNG PRENEOPLASTIC HYPERPLASIA AND CHEMICAL CARCINOGENS	28,200
HL17419-01	MOSESSON, MICHAEL W	STUDIES ON MECHANISMS OF HEMOSTASIS	174,321
INSTITUTION TOTAL 4		266,779	
YESHIVA UNIVERSITY			
NS12415-01	ANISFELD, MOSHE	PSYCHOLINGUISTIC STATUS OF SIGN LANGUAGE	24,450
NS11920-01	BORNSTEIN, MURRAY B	ETIOLOGY AND PATHOGENESIS OF MULTIPLE SCLEROSIS	452,216
HL17571-01	EISENSTADT, MAURICE	STUDY OF MEMBRANE PERMEABILITY BY NMR RELAXATION	62,302
NS12418-01	GASKIN, FELICIA	BIOPHYSICAL STUDIES ON NEUROTUBULES AND TWISTED TUBULES	60,000
GM21278-01A1	LEV, MEIR	BIOSYNTHESIS OF CERAMIDE PHOSPHORYLETHANOLAMINE	15,000
LM02327-01	SCHARRER, BERTA V	BIBLIOGRAPHIA NEUROENDOCRINOLOGICA	11,585
GM22332-01	SCHILDKRAUT, CARL L	DNA OF NORMAL AND MALIGNANT CELLS	69,461
CA17251-01	TURNER, SOPHIE S	COLORECTAL CANCER TREATMENT--POSTOPERATIVE RADIOTHERAPY	38,095
INSTITUTION TOTAL 8		733,109	
CITY TOTAL 61		3,031,906	
PLATTSBURGH			
STATE UNIVERSITY OF NEW YORK--COLLEGE AT PLATTSBURGH			
AM17531-01A1	MOORE, RICHARD D	MECHANISM OF INSULIN ACTION UPON SODIUM PUMP	23,110
INSTITUTION TOTAL 1		23,110	
CITY TOTAL 1		23,110	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
NS12461-01	BOSMANN, HAROLD B	ASPECTS OF DENERVATED MUSCLE	28,000
ES01107-01	DAHNEKE, BARTON E	SIZE/CHEMICAL MEASUREMENTS OF ATMOSPHERIC PARTICLES	58,878
CA17865-01	KRUGH, THOMAS R	PHYSIOCO-CHEMICAL STUDIES OF INTERCALATING DRUGS	62,626
GM22680-01	MILLER, MORTON W	BIOLOGICAL RESPONSES TO BIOMEDICAL ULTRASOUND	39,684
GM22214-01	OLMSTED, JOANNA B	CELLULAR CONTROL OF NEURONAL MICROTUBULE ASSEMELY	49,862
GM22126-01	SELANDER, ROBERT K	BIOCHEMICAL GENETICS OF WILD AND LABORATORY MICE	70,274
NS11929-01	SNIDER, RAY S	CEREBELLO-CEREBRO-CEREBELLAR CIRCUITS	38,684
INSTITUTION TOTAL 7		348,008	
CITY TOTAL 7		348,008	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
SARANAC LAKE			
TRUDEAU INSTITUTE			
CA17756-01	VOLKMAN, ALVIN	EFFECTS OF ANTITUMOR THERAPY ON MACROPHAGES	55,940
INSTITUTION TOTAL	1	55,940	
CITY TOTAL	1	55,940	
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
HL17246-01	AUCHINCLOSS, J HOWLAND, JR	OXYGEN UPTAKE AT ONE MINUTE OF EXERCISE	49,930
CA17962-01	COLTON, RAYMOND H	AN INVESTIGATION OF VOICE CHANGE AFTER RADIOTHERAPY	53,091
HD09046-01	LUCAS, JOHN J	MEMBRANE GLYCOPROTEIN CHANGES DURING DIFFERENTIATION	45,013
NS12193-01	ROBINSON, JOSEPH D	CALCIUM TRANSPORT IN THE NERVOUS SYSTEM	23,117
AI12721-01	SPITZER, ROGER E	THE ROLE OF PROPERDIN IN THE BIOLOGY OF COMPLEMENT	53,260
INSTITUTION TOTAL	5	224,411	
SYRACUSE UNIVERSITY			
EY01571-01	STURR, JOSEPH F	MECHANISMS OF VISUAL SENSITIVITY	49,639
CA17203-01	TUPPER, JOSEPH T	CAMP AND THE MEMBRANE IN NORMAL AND MALIGNANT CELLS	32,508
INSTITUTION TOTAL	2	82,147	
CITY TOTAL	7	306,558	
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
AI12874-01	ARCHER, SYDNEY	LETHAL BIOSYNTHESIS AS A BASIS FOR DRUG DESIGN	24,675
CA16550-01	WILSON, DWIGHT E, JR	STUDIES ON CELL TRANSFORMATION HERPES VIRUS	29,100
INSTITUTION TOTAL	2	53,775	
CITY TOTAL	2	53,775	
STATE TOTAL	113	4,950,632	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
GM22089-01	BAKER, BRUCE S	GENETICS OF MEIOSIS AND DEVELOPMENT IN DROSOPHILA	51,730
GM21846-01	CHAE, CHI-BOM	DEGRADATION OF CHROMOSOMAL NONHISTONE PROTEINS	21,961
CA17390-01	CHAE, CHI-BOM	REGULATION OF SIMIAN VIRUS 40 GENES IN TRANSFORMED CELLS	35,711
NS12445-01	HENSON, O'DELL W, JR	MECHANISM OF ACOUSTIC PERCEPTION AND ORIENTATION	47,290

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
AI12717-01	HUANG, ENG-SHANG	ANALYSIS OF HUMAN CYTOMEGALOVIRUS	62,402
AM18540-01	JOHNSON, ANDREW M	INDUCTION OF LIVER DISEASE BY PROTEOLYTIC ENZYMES	28,967
NS11737-01A1	LOE, PHILIP R	FUNCTIONAL ARCHITECTURE OF SOMATOSENSORY THALAMUS	34,346
HD08510-01A1	MARUSHIGE, KEIJI	CHROMATIN IN SPERMATOGENESIS AND FERTILIZATION	24,245
CA18604-01	MATTHYSSE, ANN G	THE MECHANISM OF TUMORIGENESIS BY A. TUMEFACIENS	35,382
CA17270-01	PETT, DONALD M	STRUCTURAL PROTEINS OF ONCOGENIC HUMAN PAPOVAVIRUSES	39,620
HD09003-01	SCHAEFER, EARL S	HOSPITAL AND HOME SUPPORT FOR MATERNAL ATTACHMENT	87,368
HL18414-01	STEUART, GUY W	HYPERTENSION: FAMILY STRATEGIES FOR PATIENT ADHERENCE	63,389
INSTITUTION TOTAL	12	532,411	
CITY TOTAL	12	532,411	
DURHAM			
DUKE UNIVERSITY			
HL18270-01	ANDERSON, ROBERT W	VENTRICULAR DYSFUNCTION AFTER CARDIAC VALVULAR SURGERY	60,674
NS12213-01	APPEL, STANLEY H	STUDIES IN NEUROMUSCULAR DISEASE	119,507
GM22231-01	CARPENTER, ADELAIDE T	EM OF RECOMBINATION MUTANTS IN DROSOPHILA	20,223
CA17945-01	CLIPPINGER, FRANK W	SENSORY FEEDBACK LEG PROSTHESIS FOR CANCER PATIENTS	41,728
HL17369-01A1	FUCHS, JAMES C	ARTERIAL BYPASS SURGERY: STRUCTURE AND METABOLISM	71,813
HL18069-01	GUNN, ROBERT B	MOLECULAR MECHANISMS OF ANION TRANSPORT	46,856
NS11613-01A1	MOORE, JOHN W	COMPUTER METHODS FOR PHYSIOLOGICAL PROBLEMS	68,057
INSTITUTION TOTAL	7	428,858	
CITY TOTAL	7	428,858	
RALEIGH			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
NS12459-01	LE VERE, THOMAS E	THE NATURE OF BEHAVIORAL RECOVERY AFTER BRAIN DAMAGE	19,466
INSTITUTION TOTAL	1	19,466	
CITY TOTAL	1	19,466	
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
NS12013-01	MC CORMICK, JAMES G	DEAFNESS AND ATHEROSCLEROSIS	60,375
NS12070-01	TURNER, JAMES E	REGENERATIVE REPAIR IN THE CENTRAL NERVOUS SYSTEM	35,501
INSTITUTION TOTAL	2	95,876	
CITY TOTAL	2	95,876	
STATE TOTAL	22	1,076,611	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH DAKOTA			
GRAND FORKS			
UNIVERSITY OF NORTH DAKOTA			
NS12106-01	LOW, FRANK N	MICROAPPENDAGES OF THE PLASMALEMMA	28,227
INSTITUTION TOTAL	1	28,227	
CITY TOTAL	1	28,227	
STATE TOTAL	1	28,227	
OHIO			
AKRON			
CHILDREN'S HOSPITAL OF AKRON			
GM21929-01	FREEMAN, AARON E	CELL CULTURE AUTOGRAFTING OF BURNED & TRAUMATIZED SKIN	52,200
INSTITUTION TOTAL	1	52,200	
CITY TOTAL	1	52,200	
ATHENS			
OHIO UNIVERSITY			
HD09042-01	WAGNER, THOMAS E	MATURE SPERM CHROMOSOMES: STRUCTURE AND RELEASE MODE	26,704
INSTITUTION TOTAL	1	26,704	
CITY TOTAL	1	26,704	
BOWLING GREEN			
BOWLING GREEN STATE UNIVERSITY			
HD09145-01	NAGY, Z MICHAEL	ONTOGENY OF LEARNING AND MEMORY	26,930
INSTITUTION TOTAL	1	26,930	
CITY TOTAL	1	26,930	
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER			
GM21475-01	CLARK, LELAND C, JR	NEW OXYGEN CARRYING RADIOPAQUE FLUOROCARBONS	35,057
INSTITUTION TOTAL	1	35,057	
UNIVERSITY OF CINCINNATI			
GM21705-01A1	DAY, RICHARD A	REVERSIBLE COVALENT MODIFICATION OF NUCLEIC ACIDS	23,893
ES00972-01A1	JOHNSON, DALE R	EFFECTS OF LEAD ON RENAL MATURATION IN YOUNG ANIMALS	35,768

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
CA17723-01	MEYER, RALPH R	REGULATION OF DNA REPLICATION IN NOVIKOFF HEPATOMA	43,075
NS11990-01	OLINGER, CHARLES P	ACOUSTICAL DETECTION OF CEREBRAL ANEURYSMS AND BRUITS	42,962
AI12309-01	PHAIR, JOHN P	HOST DEFENSES AND NOSOCOMIAL INFECTIONS	34,838
CA16666-01	ZIMMER, HANS W	NOVEL PHOSPHONATE STABILIZED CARBANIONS	26,633
INSTITUTION TOTAL 6		207,169	
CITY TOTAL 7		242,226	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
CA17864-01	BERNIER, GEORGE M, JR	ORIGINS AND STRUCTURE OF THE MYELOMA CELL	33,895
HL17776-01	DOERSHUK, CARL F	PULMONARY MUCUS TRANSPORT IN OBSTRUCTIVE LUNG DISEASES	30,000
NS12416-01	FERGUSON, JOHN H	INTRACORTICAL CONNECTIONS AND SEIZURE THRESHOLD	29,551
GM22031-01	MANN, J ADIN, JR	MEMBRANE DYNAMICS: FLUCTUATION SPECTROSCOPY	36,000
CA14548-01A1	MANSOUR, EDWARD G	EASTERN COOPERATIVE ONCOLOGY GROUP - ONCOLOGY STUDIES	66,096
DE04243-01	MELAMED, BARBARA G	BEHAVIORAL APPROACHES TO PAIN RESPONSES IN PERIODONTICS	36,221
GM21932-01	ORNER, PETER A	ADAPTIVE MONITORING OF DIABETIC KETOACIDOSIS	48,406
HL17931-01	PLONSEY, ROBERT	NORMALIZED BODY SURFACE POTENTIAL MAPS	53,402
GM22248-01	STAMBROOK, PETER J	STUDY OF MAMMALIAN GENES AND THEIR REPLICATION	66,503
GM22317-01	THOMPSON, WILMER L	SYSTEM OF EMERGENCY TREATMENT OF POISONED PATIENTS	82,754
CA16706-01	WENTZ, WILLIAM B	CARCINOGENESIS WITH HERPES VIRUS II	41,100
INSTITUTION TOTAL 11		523,928	
CITY TOTAL 11		523,928	
COLUMBUS			
OHIO STATE UNIVERSITY			
CA17942-01	BATTIES, JAMES B	A REGIONAL AMBULATORY CANCER CHEMOTHERAPY PROGRAM	63,784
AI12728-01	BEAL, JACK L	ANTIMICROBIAL PRINCIPLES OF POROPHYLLUM LANCEOLATUM	22,428
CA17925-01	MATTHEWS, RICHARD H	INHIBITION AND ISOLATION OF TUMOR TRANSPORT SYSTEMS	33,758
EY01308-01A1	PATIL, POPAT N	IRIS COLOR AND OCULAR DRUG EFFECTS	11,900
HL18304-01	RIESKE, JOHN S	FT-INFRARED SPECTROSCOPY OF HEART MUSCLE ENERGETICS	21,779
INSTITUTION TOTAL 5		153,649	
CITY TOTAL 5		153,649	
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
HD09367-01	FABER, LEE E	PROGESTERONE RECEPTORS	43,385

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
NS12234-01	PINHEIRO, MARILYN L	EEG AND BEHAVIORAL STUDIES OF AUDITORY PERCEPTION	26,883
HD09429-01	TURNER, JOHN W, JR	HORMONAL CONTROL OF SEXUAL DIFFERENTIATION OF THE BRAIN	25,009
NS12183-01	WUU, TING-CHI	PROPERTIES AND FUNCTIONS OF NEUROSECRETORY GRANULES	28,980
INSTITUTION TOTAL	4	124,257	
CITY TOTAL	4	124,257	
YELLOW SPRINGS			
FELS RESEARCH INSTITUTE			
NS12233-01	ROBERTSON, RICHARD T	STRUCTURE AND FUNCTION OF ASCENDING RETICULAR SYSTEMS	20,365
INSTITUTION TOTAL	1	20,365	
UNION FOR EXPERIMENTING COLLEGES AND UNIVERSITIES			
HD09154-01	ISRAEL, HARRY, III	SEQUENCES IN CRANIOFACIAL MALFORMATION	35,713
INSTITUTION TOTAL	1	35,713	
CITY TOTAL	2	56,078	
STATE TOTAL	32	1,205,972	
OKLAHOMA			
NORMAN			
UNIVERSITY OF OKLAHOMA			
NS12337-01	BASTIAN, JOSEPH A	SENSORY PROCESSING IN THE CEREBELLUM	37,422
NS12004-01A1	KAUL, PUSHKAR N	NANO-ASSAY FOR AMITRIPTYLENE IN BLOOD	15,683
CA17256-01	SCHMITZ, FRANCIS J	ANTITUMOR AGENTS FROM MARINE ORGANISMS	33,805
CA17562-01	VAN DER HEIM, DICK	STRUCTURE OF ANTICANCER AGENTS BY X-RAY DIFFRACTION	32,809
INSTITUTION TOTAL	4	119,719	
CITY TOTAL	4	119,719	
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
HL17812-01	TAYLOR, FLETCHER B, JR	THROMBOSIS AND PLASMA PROTEINS	307,466
INSTITUTION TOTAL	1	307,466	
CITY TOTAL	1	307,466	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA			
STILLWATER			
OKLAHOMA STATE UNIVERSITY			
AI12783-01	BEAMES, CALVIN G, JR	TRANSPORT MECHANISMS OF THE INTESTINE OF ASCARIS SUUM	28,109
NS11978-01	JENNINGS, DAVID P	SUPRAOPTIC NEUROENDOCRINE MECHANISMS AND CELL TYPES	35,432
INSTITUTION TOTAL	2	63,541	
CITY TOTAL	2	63,541	
STATE TOTAL	7	490,726	
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
GM22063-01	KRUEGER, JAMES H	OXIDATION OF COORDINATED CYSTEINE AND CYSTEAMINE	20,730
CA17699-01	PEARSON, GEORGE D	REPLICATION MAP OF AN ONCOGENIC VIRUS	48,733
INSTITUTION TOTAL	2	69,463	
CITY TOTAL	2	69,463	
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
NS12240-01	BERNHARD, SIDNEY A	MOLECULAR INTERACTIONS IN SYNAPTIC TRANSMISSION	20,250
CA17338-01	KEANA, JOHN F	NEW SPIN-LABELS FOR STUDYING BIOLOGICAL MEMBRANES	29,120
INSTITUTION TOTAL	2	49,370	
CITY TOTAL	2	49,370	
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
HD09428-01	FABER, JAN J	FETAL WATER METABOLISM	46,030
CA17401-01	FAUST, CHARLES H, JR	GENE EXPRESSION IN NORMAL AND MALIGNANT ANIMAL CELLS	113,262
CA16130-01A1	LEUNG, BENJAMIN S	PROLACTIN-ESTROGEN INTERACTION IN BREAST CARCINOMA	23,450
HL18275-01	METCALFE, JAMES	BLOOD OXYGEN AFFINITY AND MYOCARDIAL OXYGEN SUPPLY	30,900
CA17228-01	RITTENBERG, MARVIN B	TOXIN CANCER CHEMOTHERAPY IN IMMUNOPROTECTED ANIMALS	51,270
AM18038-01	VAN BRUGGEN, JOHN T	ROLE OF SOLUTE DRAG IN BIOLOGICAL TRANSPORT	28,690
INSTITUTION TOTAL	6	293,602	
REED COLLEGE			
GM22077-01	BLOCH, WILL	USE OF HYBRID ENZYMES TO STUDY SUBUNIT INTERACTION	27,077
AI12846-01	RUBEN, LAURENS N	THE EVOLUTION AND DEVELOPMENT OF IMMUNE RESPONSES	47,907
INSTITUTION TOTAL	2	74,984	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	8	368,586	
STATE TOTAL	12	487,419	
PENNSYLVANIA			
BETHLEHEM			
LEHIGH UNIVERSITY			
AI12355-01A1	CHENG, THOMAS C	DEFENSE MECHANISMS IN MOLLUSCS IN RELATION TO BIOCONTROL	33,650
INSTITUTION TOTAL	1	33,650	
CITY TOTAL	1	33,650	
BRYN MAWR			
BRYN MAWR COLLEGE			
HD09156-01	OLDS, PATRICIA J	STUDIES OF MAMMALIAN FERTILIZATION	18,587
INSTITUTION TOTAL	1	18,587	
CITY TOTAL	1	18,587	
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
NS11958-01A1	HERNANDEZ, MILTON J	CEREBRAL BLOOD FLOW AND METABOLISM IN ATHEROSCIEROSIS	41,155
HD09232-01	LADDA, ROGER L	GROWTH FACTORS: CONTROL OF ANIMAL CELL PROLIFERATION	61,710
GM22158-01	LANOUE, KATHRYN F	CONTROL OF ANION TRANSPORT IN MITOCHONDRIA	38,430
CA17706-01	LAUSCH, ROBERT N	IMMUNOLOGY OF CYTOMEGALOVIRUS TUMOR ANTIGENS	73,608
NS12001-01	THOMPSON, CARL I	ADULT BEHAVIORS AFTER AMYGDALECTOMY IN INFANCY	10,000
EY01563-01	VAN BUSKIRK, E MICHAEL	THE VERTEBRATE EYE: STUDIES OF AQUEOUS OUTFLOW	31,928
INSTITUTION TOTAL	6	256,831	
CITY TOTAL	6	256,831	
PHILADELPHIA			
ALBERT EINSTEIN MEDICAL CENTER			
HL18362-01	SLOAN, BRUCE P	EXPERIMENTAL EMPHYSEMA: ENZYME-SUBSTRATE REQUIREMENTS	21,000
INSTITUTION TOTAL	1	21,000	
CHILDREN'S HOSPITAL OF PHILADELPHIA			
CA17181-01	HARRIS, T N	IMMUNE INJURY OF TUMOR CELLS: MECHANISM, APPLICATIONS	25,300
INSTITUTION TOTAL	1	25,300	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
DREXEL UNIVERSITY			
CA14341-01A2	DAVIS, FRANKLIN A	SULFUR-NITROGEN COMPOUNDS IN CANCER CHEMOTHERAPY	33,730
INSTITUTION TOTAL	1	33,730	
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
HL15799-01A2	PRICE, HENRY L	EFFECT OF ANESTHETICS ON MYOCARDIAL FUNCTION	59,015
HD09461-01	ROBINSON, STEPHEN E	DEVELOPMENTAL FETAL ECG	47,488
AI12710-01	WEIDANZ, WILLIAM P	MECHANISMS OF "NONSTERILIZING IMMUNITY" IN MALARIA	28,462
INSTITUTION TOTAL	3	134,965	
INSTITUTE FOR CANCER RESEARCH			
CA17704-01	MILLMAN, IRVING	EFFECTS OF BACTERIA AND SUBFRACTIONS ON NEOPLASIA	38,425
INSTITUTION TOTAL	1	38,425	
LANKENAU HOSPITAL			
HL17564-01	CEVALLOS, WILLIAM H	UNSATURATED FATS - MODE OF HYPOCHOLESTEROLEMIC ACTION	38,489
INSTITUTION TOTAL	1	38,489	
MEDICAL COLLEGE OF PENNSYLVANIA			
GM21956-01	ELFVIN, MYRA J	ANALYSIS OF PARAMYOSIN-CONTAINING INVERTEBRATE MUSCLE	33,940
AI12832-01	SMITH, JANET D	CMV REPLICATION IN CHIMERIC AND HYBRID CELLS	26,975
INSTITUTION TOTAL	2	60,915	
PHILADELPHIA GENERAL HOSPITAL			
NS12390-01	SELZER, MICHAEL E	EPILEPSY RELEVANT DRUGS AND CENTRAL SYNAPSES	25,580
INSTITUTION TOTAL	1	25,580	
TEMPLE UNIVERSITY			
GM21474-01A1	KUNDEL, HAROLD L	VISUAL SEARCH AND FILM READER ERROR IN RADIOLOGY	88,333
INSTITUTION TOTAL	1	88,333	
THOMAS JEFFERSON UNIVERSITY			
AI12853-01	BOOSS, JOHN	HOST DEFENSE IN MURINE CYTOMEGALOVIRUS INFECTION	36,484
NS11656-01A1	HERBISON, GERALD J	REINNERVATING MUSCLE IN ACTIVITY AND INACTIVITY	31,417
HL17895-01	ROVETTO, MICHAEL J	MYOCARDIAL FUNCTION AND METABOLISM FOLLOWING ISCHEMIA	44,987
ES01167-01	SNYDER, ROBERT	SYMPOSIUM ON ACTIVE INTERMEDIATES IN TOXICITY	13,200

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
THOMAS JEFFERSON UNIVERSITY			
NS11688-01A1	WILPIZESKI, CHESTER R	EVALUATION OF LASERS FOR OTOLOGIC MICROSURGERY	50,465
INSTITUTION TOTAL 5		176,553	
UNIVERSITY OF PENNSYLVANIA			
HL17485-01	BLASIE, J KENT	STRUCTURAL-FUNCTIONAL STUDIES ON SARCOPLASMIC RETICULUM	15,000
HL17581-01A1	BUCHANAN, JAMES W	PATENT DUCTUS ARTERIOSUS AND PULMONARY HYPERTENSION	42,872
CA17618-01	COOPER, DAVID Y	HEPATIC P-450 SYSTEMS INDUCED BY ARYL CARCINOGENS	25,900
NS12239-01	DOTY, RICHARD L	HORMONAL INFLUENCES UPON HUMAN NASAL CHEMORECEPTION	16,870
NS12211-01	ERULKAR, SOLOMON D	PHARMACOLOGICAL STUDIES ON CENTRAL SYNAPTIC TRANSMISSION	38,818
CA15195-01A1	FERRER, JORGE F	VIROLOGICAL STUDIES ON BOVINE LEUKEMIA	41,120
CA17301-01	FRANKEL, FRED R	MAMMARY CANCER AND THE NUCLEAR ESTRADIOL ACCEPTOR	51,351
AI12337-01A1	KAJI, AKIRA	DRUG RESISTANCE FACTOR AND HOST PLASMID RELATIONSHIP	25,212
EY01583-01	LIEBMAN, PAUL A	VISION RESEARCH CENTER	78,971
AI12314-01A1	MONTGOMERY, PAUL C	MOLECULAR DIVERSITY OF SECRETORY ANTIBODIES	32,309
HL17702-01	MORAD, MARTIN	DYES AS ELECTROCHROMIC PROBES IN CARDIAC TISSUES	34,370
AM18545-01	NARASIMHULU, SHAKUNTHALA	STEROID HORMONE SYNTHESIS AND ADRENAL MICROSOMAL P-450	31,765
DE04206-01	OLIET, SEYMOUR	IMPROVEMENT IN CHARACTERISTICS AND USE OF GUTTA-PERCHA	32,410
GM22293-01	SANGER, JOSEPH W	FLUORESCENT PROTEIN TRACERS FOR CELL MOTILITY STUDIES	71,000
HD09185-01	SCANDURA, JOSEPH M	MECHANISMS OF PROBLEM SOLVING IN CHILDREN	40,073
GM21699-01	VANDERKOOI, JANE M	OXYGEN DIFFUSION IN BIOLOGICAL MEMBRANES	16,000
HL18143-01	WALLACE, HERBERT W	SURGERY AND PULMONARY TISSUE ALTERATIONS	45,147
INSTITUTION TOTAL 17		639,188	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
CA16685-01	CROCE, CARLO M	MAPPING OF TUMOR VIRUS GENOMES IN TRANSFORMED CELLS	125,000
CA17546-01	SOLTER, DAVOR	BIOLOGY OF EXPERIMENTAL TERATOCARCINOMAS	44,526
INSTITUTION TOTAL 2		169,526	
CITY TOTAL 36		1,452,004	
PITTSBURGH			
CARNEGIE-MELLON UNIVERSITY			
HD09084-01	DETWILER, JOHN S	EVALUATION OF VARIABILITY IN THE PERINATAL HEART RATE	18,231
INSTITUTION TOTAL 1		18,231	
MONTEFIORE HOSPITAL			
AM18457-01	CAVALLO, TITO	GLOMERULAR PERMEABILITY STUDIES IN GLOMERULONEPHRITIS	37,658
INSTITUTION TOTAL 1		37,658	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
AI12630-01	NAKATA, DAISUKE	CONTROL OF PLASMID GENE EXPRESSION	26,708
CA17607-01	OVE, PETER	SERUM FACTOR ON GROWTH OF TUMOR AND NORMAL CELLS	29,590
NS12308-01	TOMKO, DAVID L	QUANTITATION OF NEURAL ACTIVITY IN VESTIBULAR NUCLEI	23,182
INSTITUTION TOTAL	3	79,480	
CITY TOTAL	5	135,369	
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY			
NS12380-01	ARNETT, DAVID W	PROTOTYPE MODEL OF THE LATERAL GENICULATE	16,161
CA17717-01	HAMILTON, GORDON A	REAGENTS FOR SYNTHESIZING CARCINOGENIC ARENE OXIDES	40,386
HL17120-01A1	NOTTER, ROBERT H	INTERFACIAL PHENOMENA IN RESPIRATION	28,756
CA17536-01	TODD, PAUL W	CELLULAR STUDIES RELATED TO HIGH LET RADIOTHERAPY	35,762
INSTITUTION TOTAL	4	121,065	
CITY TOTAL	4	121,065	
STATE TOTAL	53	2,017,506	
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
GM22316-01	MORGAN, HOWARD E	GORDON RESEARCH CONF. ON SKELETAL AND CARDIAC MUSCLE	5,000
GM22335-01	NEMETHY, GEORGE	PROTEINS GORDON CONFERENCE	5,000
INSTITUTION TOTAL	2	10,000	
CITY TOTAL	2	10,000	
PROVIDENCE			
BROWN UNIVERSITY			
GM22172-01	CANE, DAVID E	RESONANCE ANALYSES OF ISOPRENOID BIOSYNTHESIS	37,220
EY01274-01	CHASE, HERMAN B	DEVELOPMENTAL GENETICS OF ANOPHTHALMIA	26,284
HD07918-01A1	FAUSTO-STERLING, ANNE	EARLY EMBRYOGENESIS IN DROSOPHILA MELANOGASTER	25,312
NS12290-01	KLING, JULIUS W	SENSORY PROPERTIES OF ELECTRICAL BRAIN STIMULATION	27,284
HD09197-01	LIEBERMAN, PHILIP	DEVELOPMENTAL STUDIES OF SPEECH PRODUCTION	33,402
NS12349-01	PIERREL-SORRENTINO, ROSEMARY	LOUDNESS SCALING	27,597
AI12626-01	ROTMAN, M BORIS	RECESSIVE GENES CONTROLLING IMMUNOCOMPETENCE	43,838
INSTITUTION TOTAL	7	220,937	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND			
PROVIDENCE			
RHODE ISLAND HOSPITAL			
AM18365-01	MENARD, RAYMOND H	IMPAIRMENT OF STEROID SYNTHESIS BY SPIRONOLACTONE	33,450
INSTITUTION TOTAL	1	33,450	
ROGER WILLIAMS GENERAL HOSPITAL			
CA17074-01	HEPPNER, GLORIA H	IMMUNE REACTIVITY AND MAMMARY NEOPLASIA	58,408
INSTITUTION TOTAL	1	58,408	
CITY TOTAL	9	312,795	
STATE TOTAL	11	322,795	
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
CA17002-01	OGAWA, MAKIO	CHEMOTHERAPY & GRANULOCYTIC & LEUKEMIC CELLS IN CULTURE	32,563
NS12292-01	WHEELER, DARRELL D	AGING AND MEMBRANE TRANSPORT IN THE NERVOUS SYSTEM	8,584
INSTITUTION TOTAL	2	41,147	
CITY TOTAL	2	41,147	
COLUMBIA			
UNIVERSITY OF SOUTH CAROLINA			
CA16184-01A1	FELDER, MICHAEL R	MALATE DEHYDROGENASE ISOZYMES IN HEPATOMA	24,194
GM22070-01	FISHER, RONALD R	MITOCHONDRIAL PYRIDINE DINUCLEOTIDE TRANSHYDROGENASE	35,132
GM21438-01	VODKIN, MICHAEL H	PRODUCTS OF THE DOUBLE-STRANDED RNA'S OF YEAST	16,986
INSTITUTION TOTAL	3	76,312	
CITY TOTAL	3	76,312	
STATE TOTAL	5	117,459	
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
HL18077-01	BAGBY, ROLAND M	SMOOTH MUSCLE CELL ORGANIZATION AND (CA2+)I CONTROL	30,084
GM22087-01	BECKER, JEFFREY M	PEPTIDE TRANSPORT IN MICROORGANISMS	18,230
CA17533-01	WUST, CARL J	MYELOGENOUS LEUKEMIA-ASSOCIATED ANTIGENS	49,411
INSTITUTION TOTAL	3	97,725	
CITY TOTAL	3	97,725	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
HD08568-01A1	YEH, YU-YAN	REGULATION OF KETONE METABOLISM IN NEWBORN RATS	31,552
INSTITUTION TOTAL	1	31,552	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
NS12122-01	BRADHAM, LAURENCE S	REGULATION OF ADENYLATE CYCLASE	23,762
DE03843-01	DABBOUS, MUSTAFA K	STRUCTURAL CHANGES OF COLLAGEN IN PERIODONTAL DISEASE	29,852
AM17711-01	KAUKER, MICHAEL L	PROSTAGLANDIN EFFECT ON RENAL TUBULAR FUNCTION	19,833
CA16518-01	NICKSON, JAMES J	COMMUNITY CANCER CENTER SUPPORT GRANT (SPECIALIZED)	181,723
CA16091-01A1	SHARMA, RAMESHWAR K	BIOCHEMICAL CONTROL IN ADRENOCORTICAL CARCINOMA CELLS	32,349
AM18022-01A1	SOLOMON, SOLOMON S	DYNAMIC ASPECTS OF ADIPOSE TISSUE METABOLISM	39,441
INSTITUTION TOTAL	6	326,960	
CITY TOTAL	7	358,512	
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
HL18811-01	HOLLETT, CHARLOTTE R	AN INHIBITOR OF FREE FATTY ACID MOBILIZATION	7,803
HL17370-01	TOWNSEL, JAMES G	SYNAPTIC CHEMISTRY AND CARDIOREGULATION IN LIMULUS	55,333
INSTITUTION TOTAL	2	63,136	
VANDERBILT UNIVERSITY			
NS11439-01A1	BRADY, ROBERT N	STUDIES OF ACETYLCHOLINE RECEPTOR PROTEIN	48,787
NS12438-01	DETTBARN, WOLF D	NERVE-MUSCLE INTERACTIONS IN EXPERIMENTAL MYOPATHIES	74,269
ES01018-01A1	JONES, MARK M	POSSIBLE NEW ANTIDOTES FOR MERCURY POISONING	60,870
NS12377-01	KAAS, JON H	VISUAL ASSOCIATION CORTEX	35,997
AI12750-01	ROBINSON, JOHN P	THE AMINO ACID SEQUENCE OF TETANUS TOXIN	59,706
HD08561-01	SASTRY, B RAMA	CHOLINERGIC SYSTEM, PLACENTAL TRANSPORT AND FETAL GROWTH	40,956
INSTITUTION TOTAL	6	320,585	
CITY TOTAL	8	383,721	
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
HD08828-01	LITTLEFIELD, L GAYLE	EVALUATION OF INDUCED CYTOGENETIC LESIONS IN OOCYTES	55,350
INSTITUTION TOTAL	1	55,350	
REGIONAL MENTAL HEALTH CENTER OF OAK RIDGE			
HL18181-01	SNYDER, FRED L	SURFACTANT METABOLISM: ALVEOLAR CELLS & LUNG DISEASE	30,550
INSTITUTION TOTAL	1	30,550	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	85,900	
STATE TOTAL	20	925,858	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
AI12752-01	ROBIN, ARNOLD S	T CELL REGULATION OF THE HUMORAL IMMUNE RESPONSE	39,047
NS12139-01	TAYLOR, H LYNDON	INTRACRANIAL PRESSURE MEASUREMENT SYSTEM: PART I	15,600
INSTITUTION TOTAL	2	54,647	
CITY TOTAL	2	54,647	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY			
ES01125-01	IRGOLIC, KURT J	CHARACTERIZATION OF ORGANOARSENIC COMPOUNDS IN NATURE	50,267
INSTITUTION TOTAL	1	50,267	
CITY TOTAL	1	50,267	
DALLAS			
BAYLOR COLLEGE OF DENTISTRY			
AM18689-01	FRAZIER, LOY W, JR	PLASMA FACTOR(S) WHICH STIMULATE H+ & NH4+ EXCRETION	19,925
INSTITUTION TOTAL	1	19,925	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HL16678-01A1	DOWBEN, ROBERT M	FLUORESCENT PROBE STUDIES OF HEART MUSCLE PROTEINS	59,174
GM22201-01	GARRARD, WILLIAM T	STRUCTURE OF THE SUBUNITS OF EUKARYOTIC CHROMOSOMES	40,793
AM18403-01	GOYAL, RAJ K	PATHOPHYSIOLOGY OF ESOPHAGEAL MOTOR DISORDERS	62,134
CA17713-01	HOLMES, KATHRYN V	R-TYPE VIRUS-LIKE PARTICLE: A NOVEL ONCOGENIC VIRUS	35,137
AI12589-01	KLEIN, JAN	SEROLOGICAL ANALYSIS OF IR REGION OF MURINE H-2 COMPLEX	27,000
CA17225-01	KLEIN, JAN	MECHANISM OF TUMOR VARIENT FORMATION	26,000
HL18087-01	SKELTON, C LYNN	DEVELOPMENT AND REGRESSION OF CARDIAC HYPERTROPHY	23,134
AI12720-01	STREILEIN, J WAYNE	STUDIES ON A SPLENIC ROLE IN IMMUNOREGULATION	40,000
AI12789-01	VITETTA, ELLEN S	THE BIOLOGY OF CELL SURFACE IGD ON MURINE LYMPHOCYTES	40,880
INSTITUTION TOTAL	9	354,252	
CITY TOTAL	10	374,177	
FORT WORTH			
TEXAS CHRISTIAN UNIVERSITY			
NS12485-01	BABITCH, JOSEPH A	SYNAPTIC MEMBRANE STRUCTURE AND FUNCTION	38,139

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	38,139	
CITY TOTAL	1	38,139	
TEXAS			
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
CA16964-01	COSTANZI, JOHN J	NEW APPROACHES TO IMMUNOTHERAPY OF CANCER PATIENTS	220,537
NS12481-01	COULTER, JOE D	CENTRAL ORGANIZATION OF SOMATOSENSORY SYSTEMS	42,942
NS12184-01	FEINSTEIN, ROBERT	NEURAL CONTROL OF A BRADYCARDIAL REFLEX	26,885
NS12223-01	PINSKER, HAROLD M	PLASTIC CHANGES IN PACEMAKER PROPERTIES OF NEURONS	32,961
INSTITUTION TOTAL	4	323,325	
CITY TOTAL	4	323,325	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
GM22244-01	AUNE, KIRK C	THE RIBOSOME: WHAT HOLDS IT TOGETHER?	38,000
HD09378-01	BULLOCK, DAVID W	UTERINE PROTEIN REGULATION IN EARLY PREGNANCY	38,545
AI13123-01	CATE, THOMAS R	IMMUNOLOGIC REACTIONS WITH INFLUENZA IN THE LUNG	40,242
HD08671-01A1	GLASSER, STANLEY R	BIOLOGICAL ROLE OF UTERINE NUCLEAR ESTROGEN BINDING	52,888
AI12618-01	KNOX, JOHN M	SEXUALLY TRANSMITTED DISEASES	219,297
CA17103-01	NOALL, MATTHEW W	MODE OF ACTION OF COLON CARCINOGENS	30,883
NS11753-01A1	PECK, ERNEST J, JR	GAMMA-AMINOBUTYRIC ACID RECEPTORS OF THE CEREBELLUM	32,367
CA16840-01	RANDERATH, KURT	SEQUENCE STUDIES ON HUMAN PHENYLALANINE-TRNAS	15,485
CA17732-01	TWOMEY, JEREMIAH J	DOES AUTOIMMUNE DYSFUNCTION CAUSE ATROPHIC GASTRITIS	14,072
CA17844-01	WRAY, VIRGINIA P	THE NUCLEAR ENVELOPE: ITS ROLE IN DRUG RESISTANCE	32,061
INSTITUTION TOTAL	10	513,840	
RICE UNIVERSITY			
HL17527-01	ANSEVIN, KRYSTYNA D	IN VITRO DEVELOPMENT OF A "SUBSTITUTE VASCULAR WALL"	26,995
INSTITUTION TOTAL	1	26,995	
UNIVERSITY OF HOUSTON			
HL17401-01A1	BUCKLEY, JOSEPH P	MECHANISMS IN ANGIOTENSIN INDUCED HYPERTENSION	40,725
INSTITUTION TOTAL	1	40,725	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
NS12153-01	GUYNN, ROBERT W	REDOX CONTROL OF PTERIN-HYDROXYLASE SYSTEMS IN VIVO	16,815
INSTITUTION TOTAL	1	16,815	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CA15495-01A1	ARLINGHAUS, RALPH B	BIOSYNTHESIS OF ONCORNAVIRUS PROTEINS	17,509
CA16789-01	BOWEN, JAMES M	IMMUNOLOGY OF ANIMAL AND HUMAN BREAST CARCINOMA	72,000
CA17891-01	CORRY, PETER M	PREFERENTIAL KILLING OF MELANIZED TISSUES	36,589
CA17072-01	DREWINKO, BENJAMIN	EVALUATION OF THE IMMUNE RESPONSE TO LYMPHOMA ANTIGENS	40,000
CA16021-01A1	DREWINKO, BENJAMIN	BIOLOGICAL STUDIES OF HUMAN MULTIPLE MYELOMA	53,719
CA17364-01	MEISTRICH, MARVIN L	MUTAGENIC ACTION OF CANCER THERAPY ON TESTIS CELLS	37,769
CA17769-01	MILAS, LUKA	ANTITUMOR ACTIVITY OF CORYNEBACTERIUM PARVUM	38,344
CA16527-01	ROBBERSON, DONALD L	REGULATION OF MITOCHONDRIAL DNA REPLICATION	143,630
INSTITUTION TOTAL	8	439,560	
CITY TOTAL	21	1,037,935	
LUBBOCK			
TEXAS TECH UNIVERSITY			
GM22238-01	FRALICK, JOE A	ROLE OF THE BACTERIAL MEMBRANE IN DNA REPLICATION	35,327
INSTITUTION TOTAL	1	35,327	
CITY TOTAL	1	35,327	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
AM18264-01	PURDY, ROBERT H	RADIOIMMUNOASSAY OF MELATONIN AND ITS METABOLITES	38,085
INSTITUTION TOTAL	1	38,085	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
AI12863-01	BRUNELL, PHILIP A	STUDIES OF VARICELLA-ZOSTER VIRUS INFECTION	32,129
CA16831-01A1	CAMERON, IVAN L	PARENTERAL NUTRITION AND CANCER THERAPY	37,964
HL17899-01	CARRIER, OLIVER, JR	MECHANISM OF DRUG-INDUCED SUPERSENSITIVITY	20,997
HD09339-01	HODGSON, BARRIE J	OVIDUCTAL TRANSPORT OF PREIMPLANTATION EMBRYOS	23,299
HD09151-01	HOUSTON, MARSHALL L	ULTRASTRUCTURE OF THE DEVELOPING BABOON PLACENTA	14,887
HL17890-01	JOHANSON, WALDEMAR G, JR	DETERMINANTS OF LUNG BACTERIAL CLEARANCE	51,906
INSTITUTION TOTAL	6	181,182	
CITY TOTAL	7	219,267	
STATE TOTAL	47	2,133,084	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
GM22232-01	CARROLL, DANA	DEVELOPMENTAL REGULATION OF SPECIFIC EUKARYOTIC GENES	50,000

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
GM22390-01	JOHNSON, CURTIS C	CONTINUOUS OXYGEN CONSUMPTION BIOINSTRUMENTATION	30,465
CA16824-01	POULTER, CHARLES D	NUCLEIC ACIDS CONTAINING ANTITUMOR ANTIMETABOLITES	26,241
INSTITUTION TOTAL	3	106,706	
CITY TOTAL	3	106,706	
STATE TOTAL	3	106,706	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
HD08864-01	CLEMMONS, JACKSON J	EMBRYONIC RENAL INJURY: A FACTOR IN PULMONARY DISEASE	73,155
AM18499-01	JOHNSON, ROBERT J	KNEE LIGAMENTOUS INJURIES IN SPORTING ACTIVITIES	58,513
HD08802-01	KELLEHER, PHILIP C	ALPHA-FETOPROTEIN IN FETUSES WITH NEURAL TUBE DEFECTS	38,916
AM18251-01	KUNIN, ARTHUR S	CONTROL FACTORS IN RENAL MITOCHONDRIAL NH3 PRODUCTION	39,842
NS12306-01	PARSONS, RODNEY L	DESENSITIZATION OF SYMPATHETIC POSTGANGLIONIC NEURONS	26,402
CA17868-01	YATES, JEROME W	CANCER CARE AND REHABILITATION IN A RURAL SETTING	290,689
INSTITUTION TOTAL	6	527,517	
CITY TOTAL	6	527,517	
STATE TOTAL	6	527,517	
VIRGINIA			
BLACKSBURG			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY			
HD08764-01A1	RITCHEY, SANFORD J	RELATIONSHIP OF PROTEIN AND ZINC IN GROWING CHILDREN	19,640
INSTITUTION TOTAL	1	19,640	
CITY TOTAL	1	19,640	
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HL17963-01	KHALIFAH, RAJA G	HUMAN ERYTHROCYTE CARBONIC ANHYDRASE	27,645
HL17967-01	KUTCHAI, HOWARD C	LIMITING FACTORS IN OXYGEN UPTAKE IN THE LUNG	17,033
HL17969-01	NOLAN, STANTON P	FUNCTION AND STRUCTURE OF SEMILUNAR VALVES	50,000
EY01565-01	SHERMAN, S MURRAY	EFFECTS OF VISUAL DEPRIVATION ON THE VISUAL SYSTEM	47,070
NS12333-01	STEWARD, OSWALD	POST-LESION PLASTICITY OF NEURONAL CIRCUITRY	32,600
INSTITUTION TOTAL	5	174,348	
CITY TOTAL	5	174,348	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
NS11677-01A1	CLAMANN, H PETER	MOTOR POOL ORGANIZATION IN SYNERGISTIC INTERACTION	40,752
CA17177-01	COLLINS, JAMES M	DNA SYNTHESIS: STRUCTURAL CHANGES DURING THE CELL CYCLE	32,874
CA17297-01	DIEGELMANN, ROBERT F	COLLAGEN METABOLISM IN BREAST CANCER	24,462
CA17747-01	HYLEMON, PHILLIP B	BILE SALT CATABOLISM REGULATION BY INTESTINAL BACTERIA	16,570
CA17797-01	JESSEE, ROBERT W	CANCER ANSWERS AND RIGHTS INFORMATION SYSTEM	50,000
CA17116-01	LAWRENCE, WALTER, JR	BIOCHEMICAL CORRELATES WITH HUMAN BREAST CANCER	52,195
CA16059-01A1	LAWRENCE, WALTER, JR	MCV-VCU CANCER CENTER CORE SUPPORT	201,489
AI12822-01	LEE, HYUNG M	CLINICAL STUDIES OF RABBIT ANTITHYMOCYTE GLOBULIN	56,754
HL18152-01	LORIA, ROGER M	VASCULAR INJURY AND ATHEROSCLEROSIS	47,312
HL18292-01	PITTMAN, ROLAND N	VASODILATION AND MICROVASCULAR OXYGEN DELIVERY	29,862
AI12761-01	SABET, SOHAIR F	COLICINS AND MEMBRANE FUNCTIONS	26,022
AI12586-01	THOMAS, JUDITH M	ACTION OF RABBIT ANTI-HUMAN THYMOCYTE GLOBULIN	47,795
INSTITUTION TOTAL	12	626,087	
CITY TOTAL	12	626,087	
WILLIAMSBURG			
COLLEGE OF WILLIAM AND MARY			
HD08906-01	BRADLEY, ERIC L	ENDOCRINE BASES OF REPRODUCTIVE INHIBITION IN DEER MICE	42,802
INSTITUTION TOTAL	1	42,802	
CITY TOTAL	1	42,802	
STATE TOTAL	19	862,877	
WASHINGTON			
BELLINGHAM			
WESTERN WASHINGTON STATE COLLEGE			
DE04014-01A1	KLEINKNECHT, RONALD A	THE ASSESSMENT AND TREATMENT OF FEAR OF DENTISTRY	62,544
INSTITUTION TOTAL	1	62,544	
CITY TOTAL	1	62,544	
PULLMAN			
WASHINGTON STATE UNIVERSITY			
CA17075-01	BANKS, KEITH L	MODEL OF BLOCKING CELL-MEDIATED TUMOR IMMUNITY	27,240
INSTITUTION TOTAL	1	27,240	
CITY TOTAL	1	27,240	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
RICHLAND			
BATTELLE MEMORIAL INSTITUTE--PACIFIC NORTHWEST LABORATORIES			
HD08868-01	FREE, MICHAEL J	STUDIES ON TESTICULAR AND EPIDIDYMAL FUNCTION IN VIVO	48,835
INSTITUTION TOTAL	1	48,835	
CITY TOTAL	1	48,835	
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
CA17605-01	SLAGA, THOMAS J	METABOLISM OF POLYCYCLIC HYDOCARBONS IN SKIN	43,158
INSTITUTION TOTAL	1	43,158	
UNIVERSITY OF WASHINGTON			
CA15844-01A1	CHRISTENSEN, GERALD M	RESIDUAL POSTNATAL INJURY FROM PRENATAL X-IRRADIATION	45,290
CA17042-01	CHRISTENSEN, GERALD M	RADIATION INDUCED FIBROSIS	55,059
HD08961-01	GUEST, AVERY M	AMERICAN SUBURBAN DEVELOPMENT	21,208
DE03681-01	KELLER, PATRICIA J	STUDIES ON THE BYSSUS OF MYTILUS CALIFORNIANUS	22,620
GM22080-01	SPITZNAGLE, LARRY A	DEVELOPMENT OF TUMOR AND ORGAN IMAGING AGENTS	47,881
DE03800-01	VAN HASSEL, HENRY J	TOOTH REPLANTATION STUDIES	20,007
INSTITUTION TOTAL	6	212,065	
VIRGINIA MASON FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH			
NS12165-01	SUTTON, DWIGHT	LIMBIC AND NEOCORTEX MECHANISMS IN PHONATION	47,208
INSTITUTION TOTAL	1	47,208	
CITY TOTAL	8	302,431	
STATE TOTAL	11	441,050	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
ES00958-01	ALLEN, JAMES R	PATHOBIOLOGICAL RESPONSE OF PRIMATES TO BIPHENYLS	43,166
AM18108-01	BASS, PAUL	FLOW AND ELECTRIC MEASUREMENTS OF STOMACH-INTESTINE	45,502
GM22685-01A1	BOWMAN, ROBERT E	BEHAVIORAL AND NEUROPATHOLOGICAL EFFECTS OF HALOTHANE	59,187
ES01062-01A1	BOWMAN, ROBERT E	EFFECTS OF LEAD ON FETAL AND NEONATAL DEVELOPMENT	93,907
EY01486-01	BRIGHTBILL, FREDERICK S	CORNEAL PRESERVATION AND KERATOPLASTY IN MONKEYS	7,500
GM22130-01	BRILL, WINSTON J	STUDIES OF A FACTOR COMMON TO MOLYBDOENZYMES	28,693
GM22038-01	CROW, JAMES F	THE EFFECT OF MUTATION ON FITNESS	68,065
CA17522-01	DURAND, RALPH E	INTERCELLULAR CONTACT & CELLULAR RADIOBIOLOGY	18,790

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
HD07402-01A2	FALLON, JOHN F	AN ANALYSIS OF CELL DEATH DURING LIMB DEVELOPMENT	20,457
HD08488-01A1	GERRITSEN, THEO	METABOLIC DISORDERS AND BRAIN DEVELOPMENT	28,348
AM18604-01	GIBBONS, WILLIAM A	STRUCTURE, SPECTROSCOPY AND FUNCTION OF PEPTIDES	37,043
HL18050-01	GILBERT, ENID F	MICROCINEMATOGRAPHIC STUDY OF ABNORMAL CARDIOGENESIS	15,528
AI12731-01	HOWE, MARTHA M	ANALYSIS OF INTEGRATION MECHANISM OF BACTERIOPHAGE MU	24,000
AM18585-01	JEFCOATE, COLIN R	ANGIOTENSIN, ACTH, AND MINERALOCORTICOID SYNTHESIS	23,738
GM22150-01	KAHAN, LAWRENCE	IMMUNOCHEMICAL ANALYSIS OF 30S RIBOSOME STRUCTURE	32,820
CA17300-01	KASPER, CHARLES B	NORMAL AND TUMOR CELLS NUCLEAR AND MICROSOMAL MEMBRANES	49,333
NS12281-01	KENT, RAYMOND D	SPEECH SOUND IMITATION SKILLS OF CHILDREN AND ADULTS	21,685
CA16989-01	KUBINSKI, HENRY A	INTERMOLECULAR CROSS-LINKS IN CHEMICAL TUMORIGENESIS	22,296
NS12171-01	LIPTON, BRUCE H	DEVELOPMENTAL ANALYSIS OF MUSCULAR DYSTROPHY	33,655
CA17531-01	MANNING, DEAN D	MECHANISM AND USES OF ANTI-IG IMMUNOSUPPRESSION	26,230
ES00955-01	MARTIN, ALEXANDER H	EFFECT OF LEAD ON THE DEVELOPING NERVOUS SYSTEM	20,855
CA16817-01	RICHARDSON, THOMAS	MACROMOLECULES IMMOBILIZED IN VIVO AND CANCER THERAPY	18,225
CA17579-01	ROSE, DAVID P	PITUITARY - THYROID FUNCTION IN BREAST CANCER	25,234
NS12392-01	RUOHO, ARNOLD E	MOLECULAR CHARACTERIZATION OF BADRENERGIC RECEPTORS	31,803
HD09436-01	SILVERMAN, ANN-JUDITH	DEVELOPMENT OF THE ENDOCRINE HYPOTHALAMUS	24,850
CA17918-01	VEDEJS, EDWIN	SYNTHESIS OF CYTOCHALASINS OF VARIABLE RING SIZE	39,228
NS12283-01	WASSERMAN, GERALD S	INTRACELLULAR STUDIES OF TEMPORAL SUMMATION	19,397
CA16579-01A1	YATVIN, MILTON B	REPAIR AND SURVIVAL IN IRRADIATED CELLS	27,608
CA16577-01	YATVIN, MILTON B	RADIATION & DRUG EFFECTS IN NORMAL & NEOPLASTIC TISSUE	18,942
INSTITUTION TOTAL	29	926,085	
CITY TOTAL	29	926,085	
MILWAUKEE			
MARQUETTE UNIVERSITY			
NS12334-01	UNSWORTH, BRIAN R	BIOCHEMICAL PARAMETERS OF AGING BRAIN	49,276
INSTITUTION TOTAL	1	49,276	
MEDICAL COLLEGE OF WISCONSIN			
AM17941-01	AMMON, HELMUT V	BILE ACIDS, FATTY ACIDS AND INTESTINAL FUNCTION	40,709
ES01080-01A1	LECH, JOHN J	METABOLISM OF ENVIROMENTAL CONTAMINANTS BY FISH	21,475
CA13341-01A2	SWARTZ, HAROLD M	PARAMAGNETIC CHANGES DURING TUMOR DEVELOPMENT	23,050
CA16088-01A1	SWARTZ, HAROLD M	EFFECT OF PARTIAL HEPATECTOMY ON RADIATION TOLERANCE	27,050
INSTITUTION TOTAL	4	112,284	
CITY TOTAL	5	161,560	
STATE TOTAL	34	1,087,645	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WYOMING			
LARAMIE			
UNIVERSITY OF WYOMING			
GM22093-01	KAISER, IVAN I	SELENIUM IN BIOLOGICAL MACROMOLECULES	27,530
INSTITUTION TOTAL	1	27,530	
CITY TOTAL	1	27,530	
STATE TOTAL	1	27,530	
PUERTO RICO			
SAN JUAN			
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO AT RIO PIEDRAS			
GM22119-01	ADAM, WALDEMAR	BIOGENESIS AND SYNTHESIS OF PROSTANOID ENDOPEROXIDES	41,388
INSTITUTION TOTAL	1	41,388	
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES CAMPUS			
CA16810-01	SANTIAGO-DELPIN, EDUARDO A	CONTROLLED RADIATION INJURY TO THE LIVER	12,550
INSTITUTION TOTAL	1	12,550	
CITY TOTAL	2	53,938	
STATE TOTAL	2	53,938	
CANADA			
MONTREAL			
MCGILL UNIVERSITY			
CA17111-01	LALA, PEEYUSH K	SPONTANEOUS FUSION BETWEEN TUMOR CELLS AND HOST CELLS	27,050
INSTITUTION TOTAL	1	27,050	
CITY TOTAL	1	27,050	
STATE TOTAL	1	27,050	
CHILE			
SANTIAGO			
UNIVERSITY OF CHILE			
NS12470-01	PINTO-HAMUY, TERESA	COMPARATIVE STUDIES ON MAMMALIAN NERVOUS SYSTEM	29,500
INSTITUTION TOTAL	1	29,500	
CITY TOTAL	1	29,500	
STATE TOTAL	1	29,500	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
JAPAN			
TOKYO			
NATIONAL CANCER CENTER			
CA17360-01	OKADA, HIDECHIKA	NON-IMMUNOLOGIC COMPLEMENT ACTIVATION BY TUMOR CELL	40,000
INSTITUTION TOTAL	1	40,000	
CITY TOTAL	1	40,000	
STATE TOTAL	1	40,000	
TOTAL	911	41,080,754	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
CB53893-00	SCHROHENLOHER, RALPH E	DETECTION OF ANTIGEN-ANTIBODY COMPLEXES IN CANCER	78,733
INSTITUTION TOTAL	1	78,733	
CITY TOTAL	1	78,733	
MONTGOMERY			
ALABAMA STATE DEPARTMENT OF PUBLIC HEALTH			
CN55090-00	WOLF, FREDERICK S	EXPANSION OF ALABAMA CERVICAL CANCER SCREENING PROGRAM	265,266
INSTITUTION TOTAL	1	265,266	
CITY TOTAL	1	265,266	
STATE TOTAL	2	343,999	
ARKANSAS			
LITTLE ROCK			
ARKANSAS STATE DEPARTMENT OF HEALTH			
CN55205-00	STEINKAMP, RUTH C	EXPANSION OF ARKANSAS CERVICAL CANCER SCREENING PROGRAM	175,149
INSTITUTION TOTAL	1	175,149	
CITY TOTAL	1	175,149	
STATE TOTAL	1	175,149	
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
CP53560-00	KINGSBURY, DAVID T	RELATION OF HERPES SIMPLEX VIRUS TO UROGENITAL CANCER	96,610
INSTITUTION TOTAL	1	96,610	
CITY TOTAL	1	96,610	
STANFORD			
STANFORD UNIVERSITY			
NS52306-00	WHITE, ROBERT L	TRANSDERMAL ELECTRONICS FOR AUDITORY PROSTHESIS	80,283
INSTITUTION TOTAL	1	80,283	
CITY TOTAL	1	80,283	
STATE TOTAL	2	176,893	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
COLORADO				
DENVER				
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER				
CB53912-00	GREY, HOWARD M		PREPARATION OF REAGENT ANTISERA AND ANTIGENS	71,811
INSTITUTION TOTAL	1	71,811		
UNIVERSITY OF COLORADO MEDICAL CENTER				
CB53900-00	TALMADGE, DAVID W		ISOLATION OF HUMAN PERIPHERAL BLOOD MONOCYTES	48,280
INSTITUTION TOTAL	1	48,280		
CITY TOTAL	2	120,091		
STATE TOTAL	2	120,091		
CONNECTICUT				
FARMINGTON				
UNIVERSITY OF CONNECTICUT HEALTH CENTER				
DE52449-00	DOHERTY, NEVILLE		COST EFFECTIVENESS OF VARIOUS CARIES PREVENTIVE AGENTS	123,050
NS52307-00	VIOLA, MICHAEL V		ETIOLOGY OF ALS AND PD IN RNA "C" TYPE VIRUSES	66,300
INSTITUTION TOTAL	2	189,350		
CITY TOTAL	2	189,350		
STATE TOTAL	2	189,350		
DIST OF COL				
WASHINGTON				
COURTESY ASSOCIATES				
CB53891-00	MORANDIERE, ANNE		SUPPORT CONFERENCES FOR NATIONAL CANCER INSTITUTE	477,656
INSTITUTION TOTAL	1	477,656		
NATIONAL ACADEMY OF SCIENCES				
HR52904-00	SIMOPOULOS, A P		EVALUATION OF TESTING FOR CYSTIC FIBROSIS	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	2	527,656		
STATE TOTAL	2	527,656		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
HD52831-00	HALL, DALLAS W		EFFECTS OF CONTRACEPTIVE STEROIDS ON BLOOD PRESSURE	214,400

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	214,400	
CITY TOTAL	1	214,400	
STATE TOTAL	1	214,400	
ILLINOIS			
CHICAGO			
IIT RESEARCH INSTITUTE			
CM57004-00	SHEFNER, ALAN M	IN-VIVO SCREENING FOR ANTI-CANCER ACTIVITY	779,347
INSTITUTION TOTAL	1	779,347	
CITY TOTAL	1	779,347	
GALESBURG			
KNOX COLLEGE			
ES52126-00	GEER, BILLY W	EFFECTS OF DIET ON MUTAGENIC TREATMENT	44,583
INSTITUTION TOTAL	1	44,583	
CITY TOTAL	1	44,583	
STATE TOTAL	2	823,930	
MARYLAND			
BETHESDA			
SIGMA DATA COMPUTING CORPORATION			
CO55203-00	SCHEER, JEROME D	PROGRAMMING IN SUPPORT OF CONTRACT MANAGEMENT SYSTEM	24,138
INSTITUTION TOTAL	1	24,138	
CITY TOTAL	1	24,138	
KENSINGTON			
LITTON INDUSTRIES, INC.--LITTON BIONETICS			
CB53916-00	MATTHEWS, EDWIN J	MELANOMA CELL VACCINE - ASSAYS FOR CYTOTOXICITY	290,453
INSTITUTION TOTAL	1	290,453	
CITY TOTAL	1	290,453	
ROCKVILLE			
INFORMATICS, INC.			
CB53888-00	WOLFE, MOLLY A	REGISTRIES OF HUMAN CLINICAL PROTOCOLS IN CANCER THERAPY	82,641
INSTITUTION TOTAL	1	82,641	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	82,641		
STATE TOTAL	3	397,232		
MASSACHUSETTS				
BEDFORD				
MITRE CORPORATION				
CO55421-00	SHARPE, EDWARD G		TECHNICAL SUPPORT OF A SYSTEMS PLANNING BRANCH	277,503
INSTITUTION TOTAL	1	277,503		
CITY TOTAL	1	277,503		
BOSTON				
HARVARD UNIVERSITY				
CM53825-00	AMOS, HAROLD		ANTITUMOR EFFECTS OF NATUALLY OCCURING SUGARS	52,376
INSTITUTION TOTAL	1	52,376		
NORTHEASTERN UNIVERSITY				
CM53741-00	SOLOWAY, ALBERT H		SYNTHESIS OF CNS ANTITUMOR AGENTS	55,709
INSTITUTION TOTAL	1	55,709		
SIDNEY FARBER CANCER CENTER				
CB53881-00	CHESS, LEONARD		IN VITRO SENSITIZATION OF HUMAN LYMPHOCYTES	56,512
CN55229-00	FRECHETTE, ALFRED L		COMPREHENSIVE CANCER CENTER COMMUNICATIONS NETWORK	90,282
INSTITUTION TOTAL	2	146,794		
CITY TOTAL	4	254,879		
WORCESTER				
E G & G, INC.--MASON RESEARCH CENTER				
CM57003-00	BOGDEN, ARTHUR E		IN-VIVO SCREENING FOR ANTI-CANCER ACTIVITY	603,274
INSTITUTION TOTAL	1	603,274		
CITY TOTAL	1	603,274		
STATE TOTAL	6	1,135,656		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN				
NS52308-00	GARN, STANLEY M		DEVELOPMENT OF PHYSICAL GROWTH MEASUREMENT DATA	71,830

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	71,830		
CITY TOTAL	1	71,830		
STATE TOTAL	1	71,830		
NEW YORK				
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
CN55174-00	MURPHY, GERALD P		COMPREHENSIVE CANCER CENTER COMMUNICATIONS NETWORK	83,323
INSTITUTION TOTAL	1	83,323		
CITY TOTAL	1	83,323		
NEW YORK				
JAMES MACDONALD COMPANY				
LM54710-00	NOT APPLICABLE		REPAIR, RESTORATION AND CUSTOM REBINDING OF RARE BOOKS	8,000
INSTITUTION TOTAL	1	8,000		
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH				
CB53894-00	STUTMAN, OSIAS		CELL-MEDIATED CYTOTOXICITY IN TUMOR IMMUNITY	57,382
INSTITUTION TOTAL	1	57,382		
CITY TOTAL	2	65,382		
STATE TOTAL	3	148,705		
NORTH CAROLINA				
DURHAM				
DUKE UNIVERSITY				
HR52946-00	PRATT, PHILIP		TEST LUNG TISSUE IN ADULT RESPIRATORY DISTRESS SYNDROME	116,920
INSTITUTION TOTAL	1	116,920		
CITY TOTAL	1	116,920		
STATE TOTAL	1	116,920		
OHIO				
COLUMBUS				
BATTELLE MEMORIAL INSTITUTE				
CM57005-00	BARKER, ANNA D		IN-VIVO SCREENING FOR ANTI-CANCER ACTIVITY	710,112
INSTITUTION TOTAL	1	710,112		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
OHIO				
COLUMBUS				
OHIO STATE UNIVERSITY				
CP53329-00	ZWILLING, BRUCE S		CHEMICAL CARCINOGENESIS AND IMMUNITY	187,833
INSTITUTION TOTAL	1	187,833		
CITY TOTAL	2	897,945		
STATE TOTAL	2	897,945		
PENNSYLVANIA				
PHILADELPHIA				
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA				
CP55680-00	KELLY, M ROBERT		STATE OF THE ART SURVEY IN DIET, NUTRITION AND CANCER	44,038
INSTITUTION TOTAL	1	44,038		
CITY TOTAL	1	44,038		
STATE TOTAL	1	44,038		
VERMONT				
BURLINGTON				
VERMONT AGENCY OF HUMAN SERVICES--DEPARTMENT OF HEALTH				
CN55147-00	TO BE SELECTED		PLAN FOR A STATE-WIDE CERVICAL CANCER SCREENING PROGRAM	39,603
INSTITUTION TOTAL	1	39,603		
CITY TOTAL	1	39,603		
STATE TOTAL	1	39,603		
VIRGINIA				
SPRINGFIELD				
MELOY LABORATORIES				
HR52951-00	SZAKAL, ANDRAS K		IDENTIFICATION OF LUNG CELLS	138,934
INSTITUTION TOTAL	1	138,934		
CITY TOTAL	1	138,934		
VIENNA				
DOT SYSTEMS				
CM53774-00	BROADWELL, JANET		ADMINISTRATIVE SERVICES FOR CONFERENCES	177,677
INSTITUTION TOTAL	1	177,677		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA			
VIENNA			
ENVIRONMENTAL SCIENCES CORPORATION--HAZLETON LABORATORIES			
CM57007-00	GARGUS, JAMES L	IN-VIVO SCREENING FOR ANTI-CANCER ACTIVITY	538,288
INSTITUTION TOTAL	1	538,288	
CITY TOTAL	2	715,965	
STATE TOTAL	3	854,899	
WASHINGTON			
SEATTLE			
SEATTLE-KING COUNTY PUBLIC HEALTH DEPARTMENT			
HV52945-00	BERGNER, LAWRENCE	SEATTLE STUDY OF TRACE ELEMENTS FROM DRINKING WATER	57,475
INSTITUTION TOTAL	1	57,475	
CITY TOTAL	1	57,475	
STATE TOTAL	1	57,475	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CN55228-00	RUSCH, HAROLD P	COMPREHENSIVE CANCER CENTER COMMUNICATIONS NETWORK	80,895
INSTITUTION TOTAL	1	80,895	
WISCONSIN ALUMNI RESEARCH FOUNDATION INSTITUTE			
CM53770-00	DE DENNIS, SUSANA R	IN-VIVO SCREENING FOR ANTI-CANCER ACTIVITY	701,894
INSTITUTION TOTAL	1	701,894	
CITY TOTAL	2	782,789	
MILWAUKEE			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
HD52821-00	CHILMAN, CATHERINE S	CONTRACEPTIVES AND REPRODUCTIVE BEHAVIOR IN ADOLESCENTS	48,573
INSTITUTION TOTAL	1	48,573	
CITY TOTAL	1	48,573	
STATE TOTAL	3	831,362	
TOTAL	39	7,167,133	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
LM07003-01	ROSATI, ROBERT A	M.D.-PH.D. PROGRAM IN BIOMEDICAL COMMUNICATIONS	129,052
INSTITUTION TOTAL	1	129,052	
CITY TOTAL	1	129,052	
STATE TOTAL	1	129,052	
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
LM07001-01	LAKE, ROBIN B	APPLICATION OF COMPUTER TECHNOLOGY IN HEALTH SCIENCES	89,034
INSTITUTION TOTAL	1	89,034	
CITY TOTAL	1	89,034	
STATE TOTAL	1	89,034	
TOTAL	2	218,086	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
ALABAMA			
UNIVERSITY			
UNIVERSITY OF ALABAMA			
CA05065-01	KEEN, BRIAN T	ORGANIC SYNTHESIS	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
HD05057-01	BLUMENSTEIN, MICHAEL	HORMONE/VITAMIN BIOCHEMISTRY	F32
CA05063-01	BYUS, CRAIG V	NUCLEIC ACID BIOCHEMISTRY	F32
HL05067-01	CIARAMITARO, DAVID A	ORGANIC CHEMISTRY	F32
HL05024-01	KLABUNDE, RICHARD E	PHYSICLOGY	F32
HD00871-01	MANEN, CAROL-ANN	DEVELOPMENTAL PHARMACOLOGY	F32
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	5		
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL CENTER			
HD00145-01	OTTENBREIT, MARK J	ANATOMY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
CA05085-01	BEEMCN, KAREN L	VIROLCGY	F32
HD05088-01	GUDAS, LORRAINE J	DEVELOPMENTAL BIOLOGY	F32
TW02263-01	MATTHEIJ, JOHN A	ENDOCRINOLOGY	F05
NS05029-01	SUNDAY, DANIEL M, JR	NEURO/MUSCULAR PHYSIOLOGY	F32
HD05009-01	VENTI, GAIL	ANTHRCPOLOGY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
NS05104-01	WALKER, CHARLES R	PEDIATRIC NEUROLOGY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
GM01175-01	MALLER, JAMES L	CHEMISTRY	F32
HL02884-01	PAWLEY, JAMES B	PATHOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
DUARTE			
CITY OF HOPE MEDICAL CENTER			
GM05165-01	HOLMQUIST, GERALD P	BIOCHEMICAL AND MOLECULAR GENETICS	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
NS05023-01	CHOPIN, SUZZETTE R	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA05104-01	GIBSON, D WADE	VIROLOGY	F32
INSTITUTION TOTAL	1		
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
GM05148-01	PARSONS, ROBERT G	BIOCHEMICAL AND MOLECULAR GENETICS	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
LA JOLLA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HD05031-01	KIRKPATRICK, MARY A	BIOCHEMICAL AND MOLECULAR GENETICS	F32
HD05103-01	RYDER, OLIVER A	CYTOGENETICS	F32
GM05130-01	SARID, DROR	MOLECULAR STRUCTURE	F32
HD05061-01	VOSS, HOUSTON F	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL 4			
CITY TOTAL 6			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
GM02620-01	ALBERTE, RANDALL S	PHYSICLCGICAL/CLINICAL BIOCHEMISTRY	F32
HD05069-01	ANCHORS, JAMES M	NEUROLOGY AND BEHAVIOR	F32
NS05061-01	GORDON, JOHN H	NEUROPHARMACOLOGY	F32
NS05031-01	GREEN, MARTIN D	NEUROPHARMACOLOGY	F32
GM02174-01	HACKNEY, DAVID D	MOLECULAR BIOLOGY	F32
GM00541-01	TAKEMOTO, LARRY J	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 6			
CITY TOTAL 6			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
CA05099-01	CHIEN, YUEH-HSIU	VIROLOGY	F32
NS05111-01	CULOTTI, JOSEPH G	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
GM05186-01	LEVINSON, SIMON R	MOLECULAR BIOLOGY	F32
NS05038-01	NORMAN, JOYCE L	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05054-01	OLSON, LARRY W	PHYSICAL BIOCHEMISTRY	F32
INSTITUTION TOTAL 5			
CITY TOTAL 5			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
HD05071-01	BRAKEL, CHRISTINE L	CELL BIOLOGY	F32
TW02324-01	DASTUGUE, BERNARD	MOLECULAR BIOLOGY	F05
CA05038-01	DAU, PETER C	IMMUNOCHEMISTRY	F32
HD05030-01	GREEN, JAMES R	FETAL DEVELOPMENT	F32
GM05106-01	IVARIE, ROBERT D	GENETICS	F32
HD05058-01	KOROBKIN, ROWENA K	NEUROLOGY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
TW02288-01	MAY, BRIAN K	MEMBRANE TRANSPORT	F05
HD05007-01	MILLER, WALTER L	DEVELOPMENTAL BIOLOGY	F32
NS05092-01	WAGNER, JOHN A	BIOCHEMISTRY	F32
INSTITUTION TOTAL 9			
UNIVERSITY OF THE PACIFIC			
GM02157-01	HAUGIAND, ROSARIA P	BIOCHEMISTRY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 10			
STANFORD			
STANFORD UNIVERSITY			
NS05108-01	BERMAN, KENNETH	BIOCHEMISTRY	F32
NS05035-01	BLOCK, GENE D	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
TW02251-01	CHRISTIANSEN, CLAUS H	BIOCHEMICAL AND MOLECULAR GENETICS	F05
HD05076-01	GRIEPP, EVA	DEVELOPMENTAL BIOLOGY	F32
HL05021-01	HSUEH, WILLA A	INTERNAL MEDICINE	F32
GM01897-01	JASPER, PAULA L	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
NS05014-01	NUTTALL, ROBERT P	PEDIATRIC NEUROLOGY	F32
CA05051-01	PETERSON, DAVID	ORGANIC SYNTHESIS	F32
GM02008-01	ROBBINS, APRIL R	BIOCHEMICAL AND MOLECULAR GENETICS	F32
NS05028-01	SNAPP, BARBARA	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05094-01	STICKGOLD, ROBERT A	BIOCHEMISTRY	F32
CA05150-01	WADA, GARRETT H	BIOCHEMICAL AND MOLECULAR GENETICS	F32
NS05004-01	WALLACE, BRUCE G	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
INSTITUTION TOTAL 13			
CITY TOTAL 13			
STATE TOTAL 50			
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
HD05111-01	CANDE, WILLIAM Z	CELL DIVISION	F32
GM00138-01	WOLOSEWICK, JOHN J	CELL BIOLOGY	F32
INSTITUTION TOTAL 2			
CITY TOTAL 2			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
COLORADO			
DENVER			
UNIVERSITY OF COLORADO MEDICAL CENTER			
HD05026-01	CRNIC, LINDA S	BIOCHEMICAL AND NUTRITIONAL PROCESSES	F32
HL05036-01	MC MURTRY, IVAN F	PHYSICLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
NS05043-01	ALDERDICE, MARC T	NEUROPHARMACOLOGY	F32
NS05106-01	MANCINI, PATRICIA E	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
NEW HAVEN			
YALE UNIVERSITY			
GM05035-01	ALLEN, JANE A	CYTOGENETICS	F32
GM02003-01	BLOODGOOD, ROBERT A	CELL RADIATION	F32
CA05033-01	CREMER, KENNETH J	VIROLOGY	F32
GM05178-01	DENTLER, WILLIAM L, JR	MORPHOGENESIS	F32
NS05082-01	DOHERTY, JOHN D	NEUROPHARMACOLOGY	F32
CA05035-01	DORSCHEL, CRAIG A	ORGANIC SYNTHESIS	F32
HL05051-01	FOURNIER, RAYMOND E	MOLECULAR BIOLOGY	F32
NS05112-01	KRUEGER, BRUCE K	BIOCHEMISTRY	F32
GM05168-01	MABREY, SUSAN	PHYSICAL BIOCHEMISTRY	F32
GM02890-01	SLOBODA, ROGER D	BIOCHEMISTRY	F32
CA05098-01	STOUT, DAVID M	ORGANIC SYNTHESIS	F32
TW02257-01	VON WYL, EDUARD E	BIOCHEMICAL AND MOLECULAR GENETICS	F05
NS05103-01	WHITE, KALPANA	PEDIATRIC NEUROLOGY	F32
INSTITUTION TOTAL	13		
CITY TOTAL	13		
STORRS			
UNIVERSITY OF CONNECTICUT			
HL05104-01	DOMANIK, RICHARD A	PHYSICAL BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
STATE TOTAL	16		
DIST OF COL			
WASHINGTON			
GEORGE WASHINGTON UNIVERSITY			
NS05026-01	FENG, ALBERT S	PHYSIOLOGY	F32
NS05101-01	MC CREERY, MICHAEL J	PHYSIOLOGY	F32
NS05006-01	PIERSON, MARTHA G	PHYSIOLOGY	F32
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
CA05089-01	KEENAN, SHUE L	DRUG ENZYMOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
HD05021-01	BIELERT, CRAIG F	COMPARATIVE PSYCHOLOGY	F32
HL05073-01	HUANG, YUNG-CHEN	NUCLEIC ACID BIOCHEMISTRY	F32
HD00493-01	SMITHWICK, ELEANOR B	PHYSICAL BIOCHEMISTRY	F32
INSTITUTION TOTAL	3		
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--CENTER FOR DISEASE CONTROL			
TW02241-01	ARSTILA, PERTTI P	VIROLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	4		
STATE TOTAL	4		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
HL05046-01	EWALD, DOUGLAS A	PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
NS05120-01	DUTCHER, JOHN S	NEUROPHARMACOLOGY	F32
INSTITUTION TOTAL	1		
UNIVERSITY OF CHICAGO			
CA05064-01	BELAND, FREDERICK A	ORGANIC CHEMISTRY	F32
GM00984-01	DORUS, ELIZABETH	CYTOGENETICS	F32
GM01797-01	HAINFELD, JAMES F	BIOPHYSICS	F32
GM02243-01	MARTON, LINDA S	CELL BIOLOGY	F32
CA05022-01	RUDNICK, LESLIE R	ORGANIC SYNTHESIS	F32
HD05095-01	RYAN, ROBERT S	NUCLEIC ACID BIOCHEMISTRY	F32
NS05002-01	TSAY, GRACE C	BIOCHEMISTRY	F32
NS05017-01	TURRIFF, DAVID E	PEDIATRIC NEUROLOGY	F32
INSTITUTION TOTAL	8		
CITY TOTAL	9		
EVANSTON			
NORTHWESTERN UNIVERSITY			
NS05074-01	NORTON, DAVID L	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
GM00662-01	PEDERSON, THOMAS C	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
STATE TOTAL	11		
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT BLOOMINGTON			
NS05008-01	SALVATERRA, PAUL M	BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
WEST LAFAYETTE			
PURDUE UNIVERSITY			
GM05128-01	ORT, DONALD R	CELL PHYSIOLOGY	F32
HL05080-01	WINIER, WILLIAM T	PHYSICAL BIOCHEMISTRY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
HD05036-01	VOMACHKA, ARCHIE J	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LAWRENCE			
UNIVERSITY OF KANSAS			
HD05044-01	DECKNER, CHARLES W	CHILD PSYCHOLOGY	F32
NS05088-01	RUTH, JAMES A	BIOCHEMISTRY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	3		
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
NS05089-01	LUKOWIAK, CHRISTINE M	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
CA05054-01	TOMLIN, DAVID E	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
LOUISIANA			
NEW ORLEANS			
TULANE UNIVERSITY			
NS05030-01	WAN, CHIN C	BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MARYLAND			
BALTIMORE			
CARNEGIE INSTITUTION OF WASHINGTON, D. C.			
GM05104-01	HUANG, LEAF	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	1		
JOHNS HOPKINS UNIVERSITY			
HL05064-01	BURNS, HUGH D	RADIOBIOLOGY	F32
GM01268-01	DE TOMA, ROBERT P	PHYSIOLOGICAL/CLINICAL BIOCHEMISTRY	F32
GM05183-01	DETERING, NANCY K	MOLECULAR BIOLOGY	F32
NS00346-01	EVANS, MICHAEL A	OCCUPATIONAL TOXICOLOGY	F32
GM05181-01	GOLL, JEFFREY H	FINE STRUCTURE CELL BIOLOGY	F32
TW02298-01	MENG, KWANG-HO	EPIDEMIOLOGY OF POPULATION DYNAMICS	F05
GM02593-01	SNELL, WILLIAM J	BIOCHEMISTRY	F32
CA05055-01	SOPER, JOHN W	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL	8		
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
HD05065-01	CLARKE, MICHAEL J	INORGANIC CHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	10		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
TW02284-01	BARTLEY, PAUL C	ENZYME/METABOLISM BIOCHEMISTRY	F05
NS05021-01	CROW, TERRY J	NEURO/MUSCULAR PHYSIOLOGY	F32
HL05083-01	EVANS, STANLEY L	ORGANIC CHEMISTRY	F32
NS05076-01	FUTAMACHI, KIN J	NEURO/MUSCULAR PHYSIOLOGY	F32
GM05105-01	GARLAND, DONITA L	MORPHOGENESIS	F32
HD05048-01	GUENTHNER, THOMAS M	PSYCHOPHARMACOLOGY	F32
TW02233-01	JACQUEMIN, PAUL CHARLES	PROTEIN/AMINO ACID BIOCHEMISTRY	F05
TW02281-01	KURCKAWA, YUJI	CELL BICLOGY	F05
NS05098-01	KUSIAK, JOHN W	BIOCHEMISTRY	F32
TW02319-01	MARKOVIC, NENAD S	ONCOLOGY	F05
GM05052-01	MC CLEAN, SHARON L	PHYSIOLOGICAL/CLINICAL BIOCHEMISTRY	F32
TW02256-01	MEYER, JUERG	NUCLEIC ACID BIOCHEMISTRY	F05
TW02270-01	POISEL, HANS PETER	PROTEIN/AMINO ACID BIOCHEMISTRY	F05
HD05035-01	SIMKINS, RONALD A	ENZYME/METABOLISM BIOCHEMISTRY	F32
HD05037-01	ZELEZNIK, ANTHONY J	ENDOCRINE PHYSIOLOGY	F32
NS05007-01	ZUCKERMAN, RALPH	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	16		
CITY TOTAL	16		
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS			
HD02368-01	ATLAS, SUSAN J	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ROCKVILLE			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--ALCOHOL, DRUG ABUSE, AND MENTAL HLTH ADMIN			
NS05049-01	HONG, JAU-SHYONG	NEUROPHARMACOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	28		
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
NS05110-01	CIPOLLONI, PATSY B	NEUROANATOMY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
HL05014-01	BANZETT, ROBERT B	PHYSIOLOGY	F32
CA05028-01	BEERMAN, TERRY A	CHEMICAL PHARMACOLOGY	F32
TW02223-01	CHEMES, HECTOR E	ENDOCRINOLOGY	F05
HL05018-01	GILLUM, RICHARD F	INTERNAL MEDICINE	F32
HL05094-01	HENNEKENS, CHARLES H	EPIDEMIOLOGY	F32
NS05022-01	KENNEDY, MARY B	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
HL05074-01	KLEINFELD, ALAN M	MEMBRANE TRANSPORT	F32
HD01281-01	OLSON, GARY E	BIOLOGY	F32
CA05047-01	WILSON, DONNA G	BIOCHEMICAL AND MOLECULAR GENETICS	F32
INSTITUTION TOTAL 9			
MASSACHUSETTS GENERAL HOSPITAL			
HL05079-01	SAIDE, JUDITH D	PHYSICLOGY	F32
INSTITUTION TOTAL 1			
NEW ENGLAND MEDICAL CENTER HOSPITAL			
GM05127-01	MOORE, MARGARET R	MOLECULAR STRUCTURE	F32
INSTITUTION TOTAL 1			
PETER BENT BRIGHAM HOSPITAL			
TW02331-01	PAGANI, MASSIMO	NEURO/MUSCULAR PHYSIOLOGY	F05
INSTITUTION TOTAL 1			
TUFTS UNIVERSITY			
CA05086-01	AGARWAL, SUDHA	IMMUNOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 14			
CAMBRIDGE			
HARVARD UNIVERSITY			
GM00021-01	ANDERSON, SUSAN M	BIOCHEMISTRY	F32
HL05041-01	BOCK, MARK G	ORGANIC SYNTHESIS	F32
NS05048-01	DUNKERTON, LOIS V	NEUROPHARMACOLOGY	F32
NS05078-01	JESTEADT, WALTER	PHYSIOLOGY	F32
GM02114-01	KIRCHANSKI, STEFAN J	BIOLOGY	F32
HD05097-01	KLEID, DENNIS G	HUMAN GENETICS	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
GM05020-01	KRASNOW, RICHARD A	ANIMAL BEHAVIOR	F32
GM00348-01	TU, SHIAO-CHUN	ANESTHESIOLOGY	F32
NS05091-01	WALOGA, GERALDINE	PHYSIOLOGY	F32
INSTITUTION TOTAL	9		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CA05030-01	ADAMS, BENJAMIN L	ORGANIC SYNTHESIS	F32
CA05083-01	BESMER, PETER	VIROLOGY	F32
GM05135-01	OLSEN, WILLIAM L	MOLECULAR BIOLOGY	F32
HD05220-01	SOLBERG, MYRL E	LANGUAGE, COMMUNICATION, AND SPEECH	F32
HL05090-01	WOLFE, JOHN K	PHYSICAL BIOCHEMISTRY	F32
CA05149-01	ZETTER, BRUCE R	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	15		
WALTHAM			
BRANDEIS UNIVERSITY			
HD05113-01	CECH, CAROL L	BIOCHEMISTRY	F32
HD05064-01	TOBIN, ELAINE	DEVELOPMENTAL BIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
WORCESTER			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
NS05046-01	COOKE, JOHN M	NEUROANATOMY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	32		
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
HL05015-01	BELLONI, FRANCIS L	PHYSIOLOGY	F32
NS05045-01	BLOCK, EDWARD F, IV	PHYSIOLOGY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
GM05123-01	EVANS, TIMOTHY C	ENERGY EXCHANGE	F32
HL05070-01	HAACK, DAVID W	PHYSIOLOGY	F32
TW02312-01	SIMPSON, JOHN G	INTERNAL MEDICINE	F05
GM05169-01	WHITE, RONALD E	PHYSICAL BIOCHEMISTRY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
DETROIT			
WAYNE STATE UNIVERSITY			
CA05109-01	IRWIN, CAROL L	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
HL05016-01	DOBBINS, DAVID E	PHYSICLOGY	F32
HL05009-01	JONES, STEPHEN B	PHYSIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	9		
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
CA05094-01	NERLAND, DONALD E	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ROCHESTER			
MAYO FOUNDATION			
NS05069-01	WENDEL, OTTO T	NEUROPHARMACOLOGY	
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION--MAYO MEDICAL SCHOOL			
HL05049-01	HUANG, LI-YEN M	MEMBRANE TRANSPORT	F32
NS05114-01	MARTIN, RAYMOND A	IMMUNOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	3		
STATE TOTAL	4		
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
HL05050-01	HALL, JOHN E	PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
TW02286-01	MORRIS, BRIAN J	EXCRETORY PHYSIOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
HL05061-01	BEINFELD, MARGERY J	BIOPHYSICS	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
GM05157-01	BALDASSARE, JOSEPH J	MOLECULAR STRUCTURE	F32
GM05009-01	BOYD, JAMES C	MATHEMATICAL BIOSTATISTICS	F32
HL05102-01	FLICK, PARKE K	BIOCHEMISTRY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
HL05008-01	JAKSCHIK, SISTER BARBARA A	PHARMACOLOGY	F32
HL05089-01	ROTH, GERALD J	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	7		
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
HD05027-01	BLAHNA, DAVID G	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
TW02304-01	MORRIS, JOHN F	NEUROANATOMY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
GM05140-01	NEISS, GERALDINE I	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
PRINCETON			
PRINCETON UNIVERSITY			
NS05067-01	COPELAND, JONATHAN	NEURO/MUSCULAR PHYSIOLOGY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
HL05052-01	FERRONE, FRANK A	MOLECULAR STRUCTURE	F32
HL05093-01	KINCAID, JAMES R	PHYSICAL BIOCHEMISTRY	F32
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	4		
NEW YORK			
ALBANY			
STATE UNIVERSITY OF NEW YORK AT ALBANY			
NS05059-01	GUY, HOMER R	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
BINGHAMTON			
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON			
HL05103-01	CHI, GEORGE Y	BIOMETRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
GM02348-01	PANGBORN, WALTER A	CELL DIVISION	F32
GM05191-01	SZOKA, FRANCIS C, JR	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
ITHACA			
CORNELL UNIVERSITY			
NS05107-01	ANDREWS, JOHN P	ENZYME/METABOLISM BIOCHEMISTRY	F32
HD05049-01	FORTUNE, JOANNE E	REPRODUCTIVE PHYSIOLOGY	F32
GM00913-01	GOULD, JOHN M	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
GM02419-01	SMITH, JEFFREY B	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
NS05095-01	STRUVE, GARY E	BIOCHEMISTRY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
ITHACA			
CORNELL UNIVERSITY			
NS05079-01	ZWEIG, JONATHAN S	CHEMISTRY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
NEW YORK			
COLUMBIA UNIVERSITY			
CA05016-01	COLMAN, NEVILLE	CLINICAL PHARMACOLOGY (THERAPEUTICS)	F32
CA05092-01	LEFFLER, STEVEN	NUCLEIC ACID BIOCHEMISTRY	F32
NS05068-01	ZAMBELLI, ANDREW J	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	3		
CORNELL UNIVERSITY MEDICAL COLLEGE			
HD05033-01	PEITZ, BETSY	REPRODUCTIVE PHYSIOLOGY	F32
HL05013-01	ZAVECZ, JAMES H	PHARMACOLOGY	F32
INSTITUTION TOTAL	2		
NEW YORK UNIVERSITY			
CA05108-01	FEINBERG, AARON M	CHEMICAL PHARMACOLOGY	F32
TW02229-01	MICHAELSEN, TERJE E	PROTEIN/AMINO ACID BIOCHEMISTRY	F05
HL05088-01	MOONEY, CAROLYN L	BIOCHEMISTRY	F32
GM05189-01	OJAKIAN, GEORGE K	FINE STRUCTURE CELL BIOLOGY	F32
INSTITUTION TOTAL	4		
ROCKEFELLER UNIVERSITY			
NS05027-01	MAUNZ, ROGER A	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05040-01	MEYER, JERROLD S	NEUROPHARMACOLOGY	F32
HD04046-01	MORRELL, JOAN I	NEURO/MUSCULAR PHYSIOLOGY	F32
HD05019-01	NOWLIS, GEOFFREY H	PHYSIOLOGICAL PSYCHOLOGY	F32
NS05011-01	SUSSWEIN, ABRAHAM J	NEUROPSYCHIATRY	F32
TW02322-01	THIERY, JEAN PAUL	NUCLEIC ACID BIOCHEMISTRY	F05
INSTITUTION TOTAL	6		
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA05059-01	HENRY, CAROL J	NUCLEIC ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
NEW YORK			
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
HL05037-01	LIPSIUS, STEPHEN L	PHYSIOLOGY	F32
INSTITUTION TOTAL 1			
YESHIVA UNIVERSITY			
CA05069-01	BRUCE, SARAH	BIOCHEMICAL AND MOLECULAR GENETICS	F32
GM05163-01	DEUTCH, CHARLES E	MOLECULAR BIOLOGY	F32
CA05037-01	FRIEDMAN, EILEEN A	BIOCHEMICAL AND MOLECULAR GENETICS	F32
HD05087-01	KURN, NURITH	MICROBIOLOGY	F32
GM02467-01	NEEDLEMAN, RICHARD B	BIOCHEMISTRY	F32
INSTITUTION TOTAL 5			
CITY TOTAL 22			
SARANAC LAKE			
TRUDEAU INSTITUTE			
CA05046-01	TUTTLE, RICHARD L	IMMUNOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
GM05032-01	KOPPELL, STEVEN M	PERCEPTION	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
NS05054-01	SALVI, RICHARD J	PHYSIOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 35			
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
CA05045-01	ANDREWS, MARY N	IMMUNOCHEMISTRY	F32

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
NS05032-01	HARRELL, LINDY E	MULTIDISCIPLINARY BIOMEDICAL SCIENCES	F32
HL05085-01	KRAUSS, JONATHAN S	IMMUNOLOGY	F32
GM05021-01	KUNTZ, AMY J	BIOMETRY	F32
NS05075-01	MARRELLI, JOHN D	NEURO/MUSCULAR PHYSIOLOGY	F32
NS05058-01	YOUNGBLOOD, WILLIAM W	BIOCHEMISTRY	F32
INSTITUTION TOTAL 6			
CITY TOTAL 6			
DURHAM			
DUKE UNIVERSITY			
NS05100-01	FREY, TERRENCE G	MOLECULAR BIOLOGY	F32
HD05115-01	GORDON, ROBIN G	PLANT AND ANIMAL BREEDING	F32
CA05107-01	HENDERSON, DANIEL R	VIROLOGY	F32
NS05118-01	ROBINSON, ELLEN C	BIOCHEMISTRY	F32
NS05020-01	SKEEN, LESLIE C	NEUROANATOMY	F32
INSTITUTION TOTAL 5			
CITY TOTAL 5			
RESEARCH TRIANGLE PARK			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NIEHS ENVIRONMENTAL HEALTH SCIENCES CENTER			
HL05059-01	REASOR, MARK J	ENZYME/METABOLISM BIOCHEMISTRY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 12			
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
HD05083-01	BRIDGES, ROBERT S	BIOCHEMISTRY	F32
GM05179-01	DICKERMAN, LOIS M	BIOCHEMICAL AND MOLECULAR GENETICS	F32
TW02225-01	UCHITEL, OSVALDO DANIEL	NEURO/MUSCULAR PHYSIOLOGY	F05
INSTITUTION TOTAL 3			
CITY TOTAL 3			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
CA05040-01	COCKERELL, GARY L	IMMUNOLOGY	F32
NS05039-01	MOERCK, RUDI E	ORGANIC CHEMISTRY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	5		
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
GM03089-01	COHEN, ALLAN H	MEMBRANE TRANSPORT	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PENNSYLVANIA			
PHILADELPHIA			
THOMAS JEFFERSON UNIVERSITY			
HL05017-01	FLYNN, JOHN T	PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
UNIVERSITY OF PENNSYLVANIA			
HL05060-01	ADAR, FRANCES G	MOLECULAR STRUCTURE	F32
GM02450-01	DAVIDSON, LLOYD A	CELL BIOLOGY	F32
NS05084-01	DE GROOF, ROBERT C	NEUROPHARMACOLOGY	F32
NS05065-01	DOOLING, ROBERT J	PHYSIOLOGY	F32
HL05039-01	GLICKMAN, LAWRENCE T	VETERINARY MEDICINE	F32
HD05005-01	GORDON, DAVID P	DEVELOPMENTAL PSYCHOLOGY	F32
GM01997-01	HARMON, HAROLD J	BIOCHEMISTRY	F32
HL05027-01	MC CLELLAN, GEORGE B	PHYSIOLOGY	F32
HL05032-01	RIFFLE, ROBERT A, JR	VETERINARY MEDICINE	F32
INSTITUTION TOTAL	9		
CITY TOTAL	10		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
PENNSYLVANIA			
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
GM05164-01	FUNG, LESLIE W	MEMBRANE TRANSPORT	F32
GM05149-01	MC INTOSH, THOMAS J	MOLECULAR STRUCTURE	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	12		
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
HD03169-01	HOLLINGER, THOMAS G	DEVELOPMENTAL BIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
CA05096-01	TANNENBAUM, JANET	VIROLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NASHVILLE			
VANDERBILT UNIVERSITY			
TW02248-01	RANE, ANDERS	TOXICOLOGY/PHARMACODYNAMICS	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
OAK RIDGE			
OAK RIDGE ASSOCIATED UNIVERSITIES			
HD05059-01	FOOTE, ROBERT S	BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	4		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
NS05042-01	MACMILLAN, DAVID L	NEURO/MUSCULAR PHYSIOLOGY	F32
HD05040-01	TUREK, FRED W	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
GM01673-01	DOUGLAS, MICHAEL G	MEMBRANE TRANSPORT	F32
HD01724-01	ESKAY, ROBERT I	ENDOCRINOLOGY	F32
TW02234-01	MANNAERTS, GUY P	DRUG ENZYMOLOGY	F05
INSTITUTION TOTAL	3		
CITY TOTAL	3		
EL PASO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT EL PASO			
NS05016-01	TEMPLETON, BONNIE A	BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
NS05087-01	HABER, LAWRENCE H	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CA05062-01	CHAN, JARVIS T	CELL RADIATION	F32
TW02247-01	ERIKSSON, HAKAN A	HORMONE/VITAMIN BIOCHEMISTRY	F05
CA05041-01	VOLLET, JOHN J, III	VIROLOGY	F32
INSTITUTION TOTAL	3		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
HD05006-01	GROTJAN, HARVEY E, JR	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CA05029-01	BEARDEN, JAMES C, JR	CHEMICAL PHARMACOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 5			
STATE TOTAL 12			
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
HL05012-01	SMITH, EDWARD J	PHYSIOLOGY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
HD05055-01	CHACE, KENNETH V	DEVELOPMENTAL BIOLOGY	F32
HL05069-01	FOLEY, DUANE H	PHYSIOLOGY	F32
HL05086-01	KUEHL, KAREN S	PEDIATRIC CARDIOLOGY	F32
HL05026-01	LOMBARD, JULIAN H	PHYSIOLOGY	F32
NS05003-01	MC DOWELL, PATRICIA A	PEDIATRIC NEUROLOGY	F32
NS05036-01	ROBARDS, MARTINE J	NEUROANATOMY	F32
GM05190-01	SHAW, JACK M	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL 7			
CITY TOTAL 7			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
CA05067-01	WHITE, J COURTLAND	TOXICOLOGY/PHARMACODYNAMICS	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 8			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
HD05093-01	ENDOW, SHARYN A	MOLECULAR BIOLOGY	F32
NS05060-01	GRAUBARD, KATHERINE	NEUROANATOMY	F32
TW02230-01	HERMANSEN, LARS A	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F05
CA05049-01	KNUTSON, JOYCE C	NUCLEIC ACID BIOCHEMISTRY	F32
NS05051-01	LONGLEY, ALISON J	PEDIATRIC NEUROLOGY	F32
HD05039-01	STEINER, ROBERT A	REPRODUCTIVE PHYSIOLOGY	F32
INSTITUTION TOTAL	6		
CITY TOTAL	6		
STATE TOTAL	6		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
HD01906-01	BABCOCK, DONNER F	PHYSIOLOGICAL/CLINICAL BIOCHEMISTRY	F32
NS05013-01	BANSCHBACH, MARTIN W	BIOCHEMISTRY	F32
HD05100-01	GARDNER, JEFFREY F	MOLECULAR BIOLOGY	F32
TW02267-01	LIN, JEN-KUN	NUCLEIC ACID BIOCHEMISTRY	F05
HL00516-01	SMITH, THOMAS J	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F32
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	5		
AUSTRIA			
INNSBRUCK			
UNIVERSITY OF INNSBRUCK			
CA05152-01	TYSON, JOHN J	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CANADA			
HAMILTON			
MCMASTER UNIVERSITY			
HD05072-01	EPSTEIN, JAMES	CELL BIOLOGY	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
CANADA			
MONTREAL			
MCGILL UNIVERSITY			
NS05099-01	DENNIS, STEPHEN G	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
VANCOUVER			
UNIVERSITY OF BRITISH COLUMBIA			
HD01560-01	ALINE, ROBERT F, JR	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
DENMARK			
AARHUS			
UNIVERSITY OF AARHUS			
GM05124-01	HASTINGS, DAVID F	PROTEIN/AMINO ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
COPENHAGEN			
UNIVERSITY OF COPENHAGEN			
NS05012-01	HOROWITZ, STEVEN H	NEURO/MUSCULAR PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
FRANCE			
GIF-SUR-YVETTE			
NATIONAL CENTER FOR SCIENTIFIC RESEARCH--GIF-SUR-YVETTE LABORATORIES			
GM01954-01	COSTELLO, MARTIN J, III	MEMBRANE TRANSPORT	F32
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
FRANCE			
PARIS			
PASTEUR INSTITUTE			
GM00028-01	BARCLAY, STEPHEN L	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
GERMANY, FED R			
GIESSEN			
JUSTUS LIEBIG UNIVERSITY OF GIESSEN			
CA05090-01	ROHRSCHNEIDER, LARRY R	CELL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GOTTINGEN			
MAX PLANCK SOCIETY FOR THE ADVANCEMENT OF SCIENCE--INSTITUTE FOR EXPERIMENTAL MEDICINE			
NS05070-01	STAHL, WILLIAM L	BIOCHEMISTRY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
SWEDEN			
STOCKHOLM			
CAROLINE INSTITUTE			
NS05047-01	ELDE, ROBERT P	NEUROANATOMY	F32
CA05105-01	FLORY, PAUL J, JR	VIROLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
SWITZERLAND			
BASEL			
UNIVERSITY OF BASEL			
HD05053-01	MARSH, JAMES L	DEVELOPMENTAL GENETICS	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
UNITED KINGDOM			
LONDON			
UNIVERSITY OF LONDON			
CA05100-01	CHILDS, J NORRIS, III	IMMUNOLOGY	F32
CA05153-01	SWENSON, DAVID H	NUCLEIC ACID BIOCHEMISTRY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
SAINT ANDREWS			
UNIVERSITY OF ST. ANDREWS			
HD05020-01	SYLVA, KATHLEEN D	DEVELOPMENTAL PSYCHOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
TOTAL	310		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
CA00059-01	LAMON, EDDIE W	VIRAL TUMOR IMMUNOLOGY	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
HL00125-01	BASS, JOHN B, JR	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
CA00095-01	TROY, FREDERIC A	MEMBRANE-BOUND ENZYME INTERACTIONS AND GROWTH CONTROL	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
NS00102-01	KIDOKORO, YOSHIAKI	MUSCLE DIFFERENTIATION AND SYNAPSE FORMATION IN VITRO	K04
INSTITUTION TOTAL	1		
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA00004-01	HOCH, SALLIE O	MOLECULAR INTERACTIONS IN DIFFERENTIATION	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
AM00021-01	KAGNOFF, MARTIN F	INDUCTION OF INTESTINAL ANTIGEN-SENSITIVE CELLS	K04
NS00050-01	MILLER, ARNOLD L	I-CELL DISEASE AND MENTAL RETARDATION	K04
CA00138-01	SAIER, MILTON H, JR	REGULATION OF MEMBRANE FUNCTION IN C-6 RAT GLICMA CELLS	K04
INSTITUTION TOTAL	3		
CITY TOTAL	5		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CALIFORNIA			
LOS ANGELES			
CALIFORNIA STATE UNIVERSITY AND COLLEGES--CALIFORNIA STATE UNIVERSITY, LOS ANGELES			
GM00131-01	BROWN, COSTELLO L	NEGATIVE IONIZATION OF BIOORGANIC MOLECULES	K04
INSTITUTION TOTAL 1			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
CA00069-01	SEEGER, ROBERT C	IMMUNE RESPONSE OF CHILDREN TO NEUROBLASTOMA	K04
INSTITUTION TOTAL 1			
CITY TOTAL 2			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
HL00130-01	BOUSHEY, HOMER A, JR	PULMONARY ACADEMIC AWARD	K07
AM00072-01	DALLMAN, MARY F	BRAIN-PITUITARY-ADRENAL INTERRELATIONSHIPS	K04
GM00042-01	KUNTZ, IRWIN D, JR	MACROMOLECULAR STRUCTURE AND HYDRATION	K04
CA00112-01	MARTON, LAURENCE J	DIAGNOSIS AND EVALUATION OF BRAIN TUMOR CHEMOTHERAPY	K04
NS00060-01	PRUSINER, STANLEY B	REGULATION AND FUNCTION OF BRAIN--GLUTAMYL TRANSPEPTIDA	K04
GM00007-01	WEINKAM, ROBERT J	CHEMICAL IRONIZATION MASS SPECTROMETRY--BIOMEDICAL	K04
INSTITUTION TOTAL 6			
CITY TOTAL 6			
STANFORD			
STANFORD UNIVERSITY			
AM00137-01	COOPER, ALLEN D	REGULATION OF HEPATIC CHOLESTEROL SYNTHESIS	K08
HL00129-01	THEODORE, JAMES	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 16			
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
GM00076-01	CARUTHERS, MARVIN H	CHEMISTRY AND MOLECULAR BIOLOGY OF NUCLEIC ACIDS	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
COLORADO			
DENVER			
UNIVERSITY OF COLORADO MEDICAL CENTER			
AM00044-01	PATTERSON, DAVID	GENETIC BIOCHEMICAL REGULATION IN MAMMALIAN CELLS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
DE00012-01	CATALANOTTO, FRANK A	SENSORY PHYSIOLOGY IN HEALTH & DISEASE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW HAVEN			
YALE UNIVERSITY			
NS00101-01	MANUELIDIS, LAURA M	BIOCHEMISTRY/ULTRASTRUCTURE: CNS TUMORS, DEVELOPING CELL	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
FLORIDA			
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA STATE UNIVERSITY			
GM00049-01	REEVES, ROBERT H	THE BIOLOGICAL SIGNIFICANCE OF TRNA MODIFICATIONS	K04
GM00087-01	RILL, RANDOLPH L	THE STRUCTURE OF CHROMATIN AND MODEL NUCLEOPRCTEINS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
GM00090-01	VAPNEK, DANIEL	MOLECULAR STUDIES ON R-PLASMIDS IN E. COLI	K04
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL	1		
GEORGIA			
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
AM00120-01	CUTRONEO, KENNETH R	ANTI-INFLAMMATORY STEROIDS AND COLLAGEN SYNTHESIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
NS00029-01	DAWSON, GLYN	METABOLISM OF GLYCOLIPIDS AND GLYCOPROTEINS	K04
CA00032-01	HUNTER, ROBERT L	IMMUNOPATHOLOGY OF HUMAN AND ANIMAL CANCER	K04
NS00008-01	KANE, EILEEN S	CENTRAL AUDITORY SYSTEM CONNECTIONS IN MAMMALS	K04
AI00078-01	ROTHMAN-DENES, LUCIA B	NOVEL TRANSCRIBING ACTIVITIES IN N4-INFECTED E. COLI	K04
AM00133-01	SCHNEIDER, JOHN F	CLINICAL APPLICATION OF STABLE ISOTOPE TRACERS	K04
GM00118-01	SLATKIN, MONTGOMERY W	POPULATION RESPONSE TO SPATIAL AND TEMPORAL VARIATIONS	K04
CA00035-01	SPEAR, PATRICIA G	MEMBRANE PROTEINS SPECIFIED BY HERPES VIRUSES	K04
INSTITUTION TOTAL	7		
CITY TOTAL	7		
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
AI00049-01	KONISKY, JORDAN	MECHANISM OF ACTION OF I-COLICINS ON ESCHERICHIA COLI	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	8		
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
HD00068-01	AUTOR, ANNE P	STUDIES ON MECHANISM OF OXYGEN AND FREE RADICAL TOXICITY	K04
AM00091-01	BARON, JEFFREY	MECHANISMS AND CONTROL OF MAMMALIAN STERIODOGENESIS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
STATE TOTAL	2		
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS			
CA00114-01	HOUSTON, L LUGENE	PROTEIN INTERACTIONS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
LOUISIANA			
COVINGTON			
TULANE UNIVERSITY			
AM00016-01	SU-CHEN, LI C	BIOCHEMICAL STUDIES ON SPHINGOLIPIDOSES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
CA00103-01	COLVIN, MICHAEL	PHARMACOLOGY OF CYCLOPHOSPHAMIDE AND NITROSOUREAS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
GM00112-01	LEVIN, BRUCE R	SELECTION IN BACTERIA AND THEIR VIRUSES AND PLASMIDS	K04
NS00090-01	WADE, GEORGE N	HORMONES, BRAIN FUNCTION AND BEHAVIOR	K04
GM00129-01	ZIMMERMAN, ROBERT A	STRUCTURE OF PROTEIN BINDING SITES IN RIBOSOMAL RNA	K04
INSTITUTION TOTAL	3		
CITY TOTAL	3		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
DE00004-01	OPPENHEIM, FRANK G	CHEMISTRY OF SALIVARY PROTEINS	K04
INSTITUTION TOTAL	1		
CHILDREN'S HOSPITAL MEDICAL CENTER			
CA00075-01	ABELSON, HERBERT T	REGULATION OF RNA METABOLISM IN MAMMALIAN CELLS	K04
CA00099-01	MC CAFFREY, RONALD P	ANALYZE KINDS OF DNA POLYMERASES IN HUMAN LEUKEMIA	K04
INSTITUTION TOTAL	2		
HARVARD UNIVERSITY			
HL00072-01	BING, OSCAR H	COMPUTER FEEDBACK STUDY OF CARDIAC MUSCLE MECHANICS	K04
CA00116-01	CHURCHILL, WINTHROP H	THE ROLE OF MACROPHAGES & BASOPHILS IN TUMOR IMMUNITY	K04
CA00139-01	CRUMPACKER, CLYDE S, II	HERPES VIRUS NUCLEIC ACIDS IN HUMAN TUMORS	K04
AM00106-01	THENEN, SHIRLEY W	EXPERIMENTAL OBESITY-GENETIC AND ACQUIRED	K04
NS00010-01	WAXMAN, STEPHEN G	ORGANIZATION OF MYELINATED AND DEMYELINATED AXONS	K04
INSTITUTION TOTAL	5		
MASSACHUSETTS GENERAL HOSPITAL			
AM00127-01	WANDS, JACK R	IMMUNITY IN ACUTE AND CHRONIC HEPATITIS	K08
INSTITUTION TOTAL	1		
CITY TOTAL	9		
CAMBRIDGE			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CA00021-01	HECHT, SIDNEY M	THE TOTAL SYNTHESIS OF BLEOMYCIN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
WALTHAM			
BRANDEIS UNIVERSITY			
GM00143-01	PARRY, RONALD J	BIOSYNTHESIS OF CEPHALOTAXUS AND SECURINEGA ALKALOIDS	K04
INSTITUTION TOTAL	1		
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
CA00144-01	JUNGALWALA, FIROZE B	EXPERIMENTAL NEUROTUMORS AND MYELIN METABOLISM	K04
INSTITUTION TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL	2		
STATE TOTAL	15		
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
AI00061-01	CIEWELL, DON B	STRUCTURE, MAINTENANCE, AND EXPRESSION OF PLASMID DNA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
AM00112-01	ROMSOS, DALE R	METABOLIC EFFECTS OF DIET AND MEAL PATTERN	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
AI00107-01	YUNGINGER, JOHN W	ISOLATION AND CHARACTERIZATION OF MOLD ALLERGENS	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MISSOURI			
SAINT LOUIS			
JEWISH HOSPITAL OF ST. LOUIS			
CA00017-01	ROSENBLUM, DANIEL	STRUCTURAL STUDIES OF HUMAN PMN SPECIFIC GRANULES	K04
INSTITUTION TOTAL	1		
ST. LOUIS UNIVERSITY			
CA00014-01	PADMANABHAN, RADHAKRISHNAN	DNA SEQUENCE ANALYSIS ON HUMAN ADENOVIRUS GENOMES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	2		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
AM00003-01	PAGLIARA, ANTHONY S	CONTROL OF CARBOHYDRATE METABOLISM AND HORMONE SECRETION	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 3			
NEW JERSEY			
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
GM00093-01	NIEDERMAN ROBERT A	MOLECULAR ASPECTS OF MEMBRANE DEVELOPMENT	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY			
HL00124-01	REICHMAN, LEE B	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 2			
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
DE00013-01	WATERMAN, ROBERT E	NORMAL AND CLEFT PALATE DEVELOPMENT IN MAMMALS	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
NEW YORK			
ALBANY			
STATE UNIVERSITY OF NEW YORK AT ALBANY			
GM00018-01	EDWARDS, DAVID L	REGULATION OF MITOCHONDRIAL MEMBRANE ASSEMBLY	K04
INSTITUTION TOTAL 1			

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL	1		
NEW YORK			
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA00084-01	HUI, SEK W	ELECTRON DIFFRACTION OF CANCER CELL MEMBRANES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
MANHASSET			
NORTH SHORE UNIVERSITY HOSPITAL			
NS00099-01	BIRNBAUM, GARY	STUDIES ON MULTIPLE SCLEROSIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
GM00020-01	KRULWICH, TERRY A	TRANSPORT IN MEMBRANE VESICLES AND RELATED METABOLISM	K04
AM00089-01	RAYFIELD, ELLIOT J	CARBOHYDRATE METABOLISM - INFECTION INTERRELATIONSHIPS	K04
INSTITUTION TOTAL	2		
CITY UNIVERSITY OF NEW YORK--RICHMOND COLLEGE			
GM00025-01	NAIDER, FRED R	PEPTIDE TRANSPORT IN MICROORGANISMS AND MAMMALIAN CELLS	K04
INSTITUTION TOTAL	1		
COLUMBIA UNIVERSITY			
GM00017-01	HENDERSON, ANN S	HUMAN GENE SITE LOCALIZATION USING HYBRIDIZATION IN SITU	K04
INSTITUTION TOTAL	1		
CORNELL UNIVERSITY MEDICAL COLLEGE			
NS00003-01	GARDNER, DANIEL	SYNAPTIC ORGANIZATION OF IDENTIFIED NEURAL NETWORKS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	5		
ROCHESTER			
UNIVERSITY OF ROCHESTER			
NS00078-01	SCHNEIDER, MARTIN F	CALCIUM CONCENTRATION CHANGES IN MUSCLE FIBERS	K04

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NEW YORK			
ROCHESTER			
UNIVERSITY OF ROCHESTER			
HL00067-01	WAAG, ROBERT C	COMPUTER-BASED CARDIAC ULTRASOUND IMAGING	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	10		
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
DE00014-01	COFFEY, JAMES C, JR	ACTION OF ANDROGEN ON SUBMAXILLARY GLAND FUNCTION	K04
ES00003-01	KUPPER, LAWRENCE L	STATISTICAL MODELS FOR ENVIRONMENTAL HEALTH DATA	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
DURHAM			
DUKE UNIVERSITY			
AI00093-01	SCOTT, DAVID W	MANIPULATION OF THE IMMUNE RESPONSE AND TOLERANCE	K04
NS00086-01	ZWEERINK, HENDRIK J	MORPHOGENESIS OF REOVIRUS AND THE AGENT OF SSPE	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
CA00134-01	ARMENTROUT, RICHARD W	SELECTIVE REPLICATION OF PARVOVIRUS IN TUMOR CELLS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
COLUMBUS			
OHIO STATE UNIVERSITY			
HL00128-01	ALTMAN, MICHAEL	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
STATE TOTAL	2		
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
GM00073-01	SCHAUP, HENRY W	MACROMOLECULAR INTERACTIONS WITHIN THE RIBOSOME	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
GM00119-01	POSTLETHWAIT, JOHN H	GENETIC/HORMONE CONTROL OF OOGENESIS & MORPHOGENESIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
PENNSYLVANIA			
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
AM00005-01	PARKS, JOHN S	HORMONAL INTERACTIONS WITH CULTURED HUMAN LYMPHOCYTES	K04
INSTITUTION TOTAL	1		
PHILADELPHIA GENERAL HOSPITAL			
AM00063-01	CLARK, CHARLES C	STRUCTURE AND BIOSYNTHESIS OF CONNECTIVE TISSUE	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF PENNSYLVANIA			
HL00089-01	CAPUZZI, DAVID M	LIPID AND LIPOPROTEIN METABOLISM IN LIVER CELLS	K04
GM00053-01	VANDERKOOI, JANE M	LATERAL DIFFUSION IN MEMBRANES	K04
INSTITUTION TOTAL	2		
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
AI00053-01	KNOWLES, BARBARA	IMMUNOMANIPULATION OF SOMATIC CELL HYBRIDS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	5		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
PENNSYLVANIA			
PITTSBURGH			
CARNEGIE-MELLON UNIVERSITY			
AM00056-01	JONES, ELIZABETH W	REGULATION IN YEAST -THFA METABOLISM AND PROTEASES	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF PITTSBURGH			
AI00023-01	HENDRIX, ROGER W	ASSEMBLY AND STRUCTURE OF BACTERIOPHAGE LAMBDA HEADS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	2		
STATE TOTAL	7		
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
AM00032-01	BUTCHER, FRED R	CYCLIC NUCLEOTIDES IN PAROTID GLAND METABOLISM	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
NS00070-01	BITTNER, GEORGE D	REGENERATION IN INVERTEBRATE NERVOUS SYSTEMS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
HL00131-01	REMMERS, JOHN E	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
GM00071-01	AUNE, KIRK C	INTERPRETATIONS OF MACROMOLECULAR INTERACTIONS	K04

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
GM00114-01	ROUFA, DONALD J	CONTROL OF DNA REPLICATION IN ANIMAL CELLS AND VIRUS	K04
CA00058-01	WILSON, JOHN H	ONCOGENIC MECHANISMS: SV40 AND HOST GENETIC ANALYSIS	K04
INSTITUTION TOTAL	3		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CA00083-01	ANDERSON, JAMES H	NEW AND IMPROVED TECHNIQUES OF INTERVENTION RADIOLOGY	K04
CA00130-01	MAVLIGIT, GIORA M	IMMUNOLOGICAL APPROACHES TO CANCER THERAPY	K04
GM00047-01	MURGOLA, EMANUEL J	MISSENSE SUPPRESSION AND MUTATIONALLY ALTERED TRNAS	K04
INSTITUTION TOTAL	3		
CITY TOTAL	6		
STATE TOTAL	8		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
AI00029-01	BENJAMIN, DAVID C	CELLULAR AND STRUCTURAL BASIS OF IMMUNOLOGIC TOLERANCE	K04
AI00013-01	EMERSON, SUZANNE U	FUNCTIONS AND BIOCHEMISTRY OF RHABDOVIRUS PROTEINS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
AM00128-01	GUZELIAN, PHILIP S, JR	REGULATION OF MICROSOMAL HEMOPROTEINS IN THE LIVER	K08
AI00008-01	TEW, JOHN G	REGULATION OF THE IMMUNE RESPONSE BY PERSISTING ANTIGEN	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
NS00085-01	NELSON, DAVID L	SPATIAL DIFFERENTIATION AND ION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
ES00002-01	LECH, JOHN J	METABOLISM AND DISPOSITION OF FOREIGN COMPOUNDS BY FISH	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
TOTAL	103		

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
LM02532-01	ROGERS, TERENCE A	DEVELOPMENT OF CLINICALLY-ORIENTED LIBRARY RESOURCES	49,748
INSTITUTION TOTAL	1	49,748	
CITY TOTAL	1	49,748	
STATE TOTAL	1	49,748	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
LM02520-01	STITH, JANET	INTEGRATED LIBRARY SYSTEM NETWORK IN A RURAL AREA	43,159
INSTITUTION TOTAL	1	43,159	
CITY TOTAL	1	43,159	
STATE TOTAL	1	43,159	
MONTANA			
BOZEMAN			
MONTANA STATE UNIVERSITY			
LM02550-01	MC CLAIN, ALICE	A/R PROJECT OF WAMI BRANCH LIBRARY	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
NEBRASKA			
OMAHA			
CREIGHTON UNIVERSITY			
LM02512-01	WANNARKA, MARJORIE	COMMUNITY HEALTH EDUCATION EXTENSION SERVICE	44,523
INSTITUTION TOTAL	1	44,523	
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT OMAHA			
LM02501-01	BENSCHOTER, REBA A	MEDIA RESOURCES FOR RURAL HEALTH TRAINING	74,199
INSTITUTION TOTAL	1	74,199	
CITY TOTAL	2	118,722	
STATE TOTAL	2	118,722	

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TOTAL	5		261,629

* INCLUDES DIRECT COST ONLY FOR NIH RESEARCH AWARDS

☆ U.S. GOVERNMENT PRINTING OFFICE: 1975—621-726/2072 3-1

NIH LIBRARY
4 0113 4318

http://nihlibrary.nih.gov

10 Center Drive
Bethesda, MD 20892-1150
301-496-1080

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD. 20014

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF H.E.W.

U.S.MAIL

NIH LIBRARY
3 1496 00179 0065